

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143007.D
 Acq On : 07 Jul 2025 14:17
 Operator : RC/JU
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11MSD

Quant Time: Jul 07 14:37:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	64606	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	236179	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	121582	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	195379	20.000	ng	0.00
76) Chrysene-d12	14.057	240	121256	20.000	ng	0.00
86) Perylene-d12	15.551	264	136589	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	357865	92.223	ng	0.01
7) Phenol-d6	6.510	99	428961	93.698	ng	0.00
23) Nitrobenzene-d5	7.439	82	263155	61.116	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	123876	99.009	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	542376	58.603	ng	-0.01
79) Terphenyl-d14	12.992	244	506622	57.729	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.704	88	54616	35.189	ng	99
3) Pyridine	3.469	79	147585	37.930	ng	98
4) n-Nitrosodimethylamine	3.422	42	80661	40.088	ng	98
6) Aniline	6.539	93	178248	29.261	ng	# 87
8) 2-Chlorophenol	6.663	128	175190	41.853	ng	98
9) Benzaldehyde	6.428	77	122951	45.267	ng	100
10) Phenol	6.528	94	203759	40.040	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	152443	41.913	ng	97
12) 1,3-Dichlorobenzene	6.816	146	195346	41.728	ng	100
13) 1,4-Dichlorobenzene	6.892	146	197100	41.731	ng	100
14) 1,2-Dichlorobenzene	7.045	146	186817	41.701	ng	99
15) Benzyl Alcohol	7.022	79	139879	42.264	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	224407	38.402	ng	74
17) 2-Methylphenol	7.134	107	129901	40.951	ng	97
18) Hexachloroethane	7.386	117	69049	41.796	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	112902	42.402	ng	98
20) 3+4-Methylphenols	7.286	107	167055	42.238	ng	93
22) Acetophenone	7.286	105	231299	44.411	ng	99
24) Nitrobenzene	7.457	77	168895	43.338	ng	99
25) Isophorone	7.698	82	299867	43.413	ng	99
26) 2-Nitrophenol	7.775	139	95184	44.835	ng	99
27) 2,4-Dimethylphenol	7.816	122	156379	42.525	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	190971	43.488	ng	99
29) 2,4-Dichlorophenol	8.022	162	144863	43.446	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	157204	42.876	ng	100
31) Naphthalene	8.181	128	493129	42.656	ng	99
32) Benzoic acid	7.939	122	78539	41.903	ng	98
33) 4-Chloroaniline	8.233	127	57503	12.233	ng	98
34) Hexachlorobutadiene	8.292	225	99883	44.537	ng	99
35) Caprolactam	8.604	113	42185	47.945	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	145424	43.885	ng	99
37) 2-Methylnaphthalene	8.875	142	310236	43.286	ng	99
38) 1-Methylnaphthalene	8.975	142	323024	43.538	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158122	44.076	ng	100
41) Hexachlorocyclopentadiene	9.027	237	137672	67.625	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	98368	42.079	ng	98

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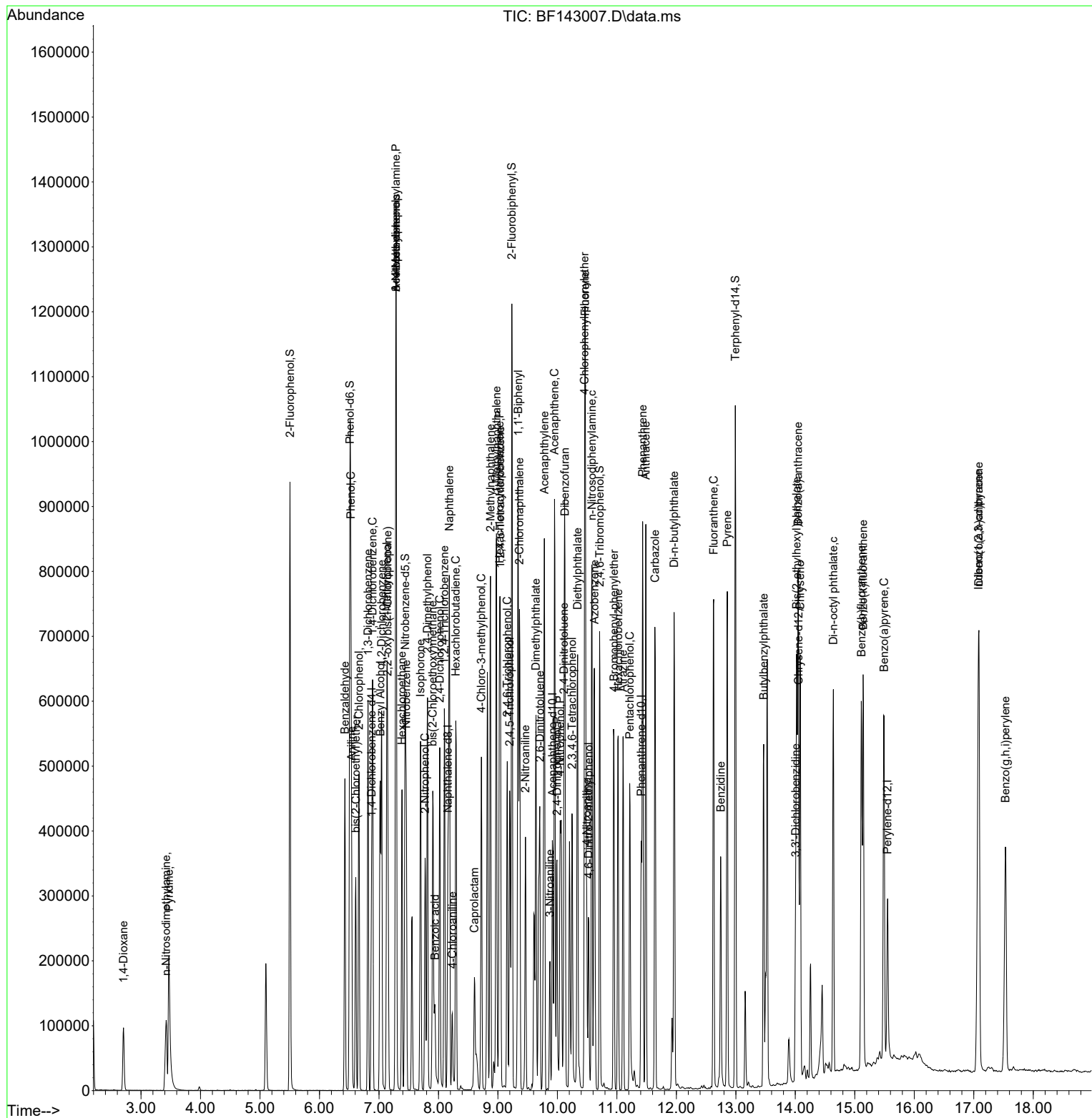
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102235	41.545	ng	98
46) 1,1'-Biphenyl	9.339	154	422277	43.967	ng	100
47) 2-Chloronaphthalene	9.363	162	312713	43.388	ng	99
48) 2-Nitroaniline	9.463	65	87120	43.116	ng	95
49) Acenaphthylene	9.780	152	513656	43.292	ng	100
50) Dimethylphthalate	9.639	163	361051	45.877	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78787	45.585	ng	98
52) Acenaphthene	9.951	154	344922m	47.648	ng	
53) 3-Nitroaniline	9.875	138	44472	23.371	ng	99
54) 2,4-Dinitrophenol	9.992	184	79158	91.469	ng	94
55) Dibenzofuran	10.127	168	447994	43.157	ng	99
56) 4-Nitrophenol	10.045	139	95299	73.153	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105804	46.087	ng	97
58) Fluorene	10.469	166	352523	43.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83547	42.119	ng	94
60) Diethylphthalate	10.339	149	366072	47.440	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173673	44.893	ng	99
62) 4-Nitroaniline	10.492	138	77303	44.418	ng	98
63) Azobenzene	10.622	77	328329	47.607	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	56463	47.778	ng	96
66) n-Nitrosodiphenylamine	10.580	169	304172	44.920	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	102759	46.213	ng	98
68) Hexachlorobenzene	11.022	284	111659	45.192	ng	96
69) Atrazine	11.104	200	94224	53.886	ng	99
70) Pentachlorophenol	11.216	266	93337	75.810	ng	99
71) Phenanthrene	11.433	178	466946	44.119	ng	99
72) Anthracene	11.486	178	483681	44.560	ng	99
73) Carbazole	11.639	167	423583	45.221	ng	100
74) Di-n-butylphthalate	11.963	149	538929	55.229	ng	100
75) Fluoranthene	12.627	202	457235	45.521	ng	99
77) Benzidine	12.745	184	201566	44.245	ng	99
78) Pyrene	12.857	202	458121	40.307	ng	99
80) Butylbenzylphthalate	13.468	149	186108	56.449	ng	96
81) Benzo(a)anthracene	14.045	228	369312	45.148	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67741	25.531	ng	98
83) Chrysene	14.080	228	331148	45.368	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	250667	52.844	ng	99
85) Di-n-octyl phthalate	14.639	149	407697	45.580	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	413329	39.728	ng	98
88) Benzo(b)fluoranthene	15.109	252	386178	48.861	ng	99
89) Benzo(k)fluoranthene	15.139	252	320791	43.383	ng	100
90) Benzo(a)pyrene	15.492	252	351129	45.987	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	335241	39.658	ng	98
92) Benzo(g,h,i)perylene	17.533	276	326298	38.710	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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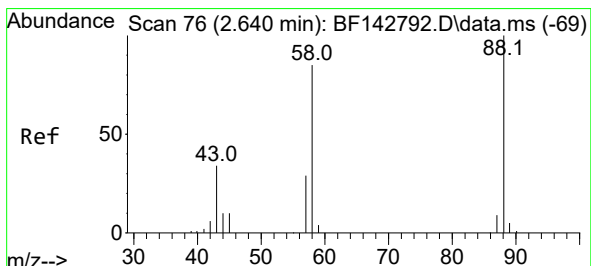
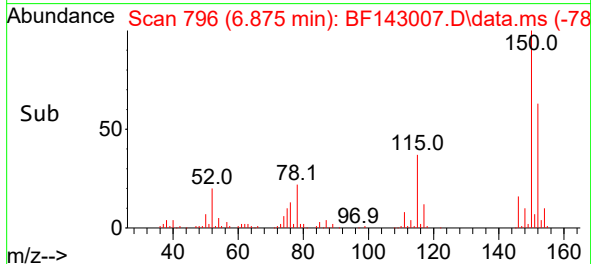
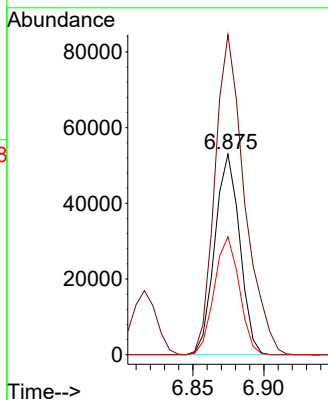
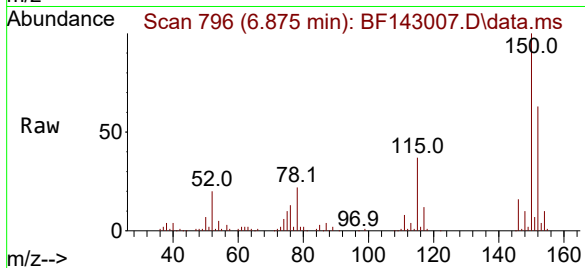




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

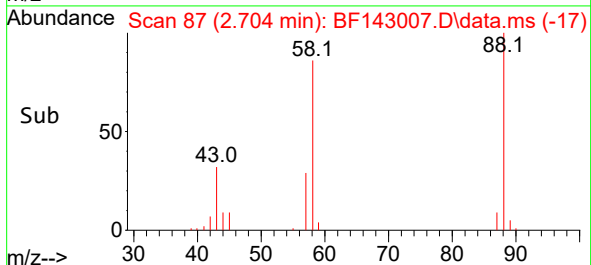
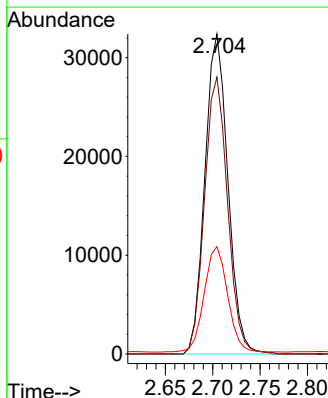
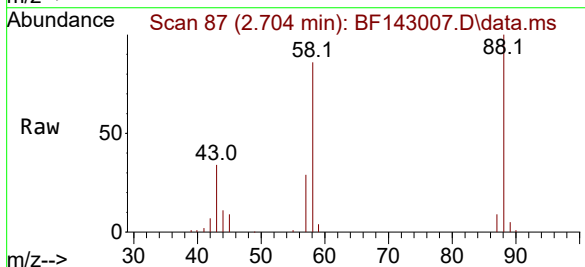
Instrument :
 BNA_F
 ClientSampleId :
 WC-11MSD

Tgt Ion:152 Resp: 64606
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.2 190.8
 115 58.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 35.189 ng
 RT: 2.704 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

Tgt Ion: 88 Resp: 54616
 Ion Ratio Lower Upper
 88 100
 58 86.9 69.1 103.7
 43 33.6 27.4 41.2

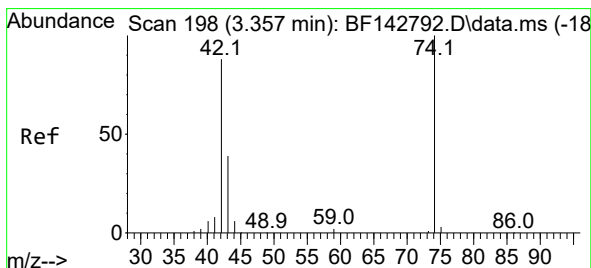
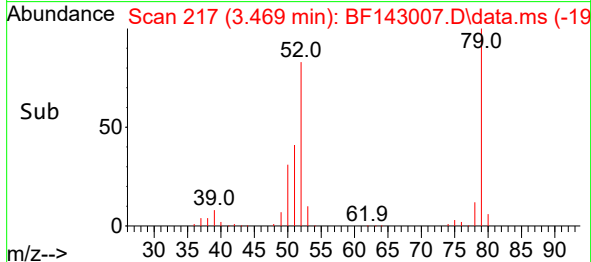
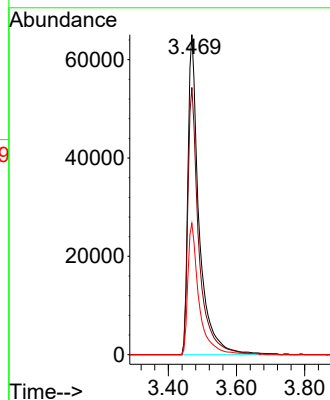
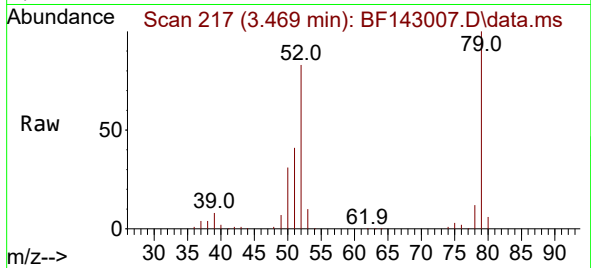




#3
 Pyridine
 Concen: 37.930 ng
 RT: 3.469 min Scan# 217
 Delta R.T. 0.059 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

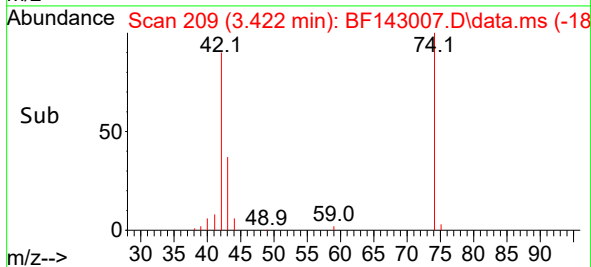
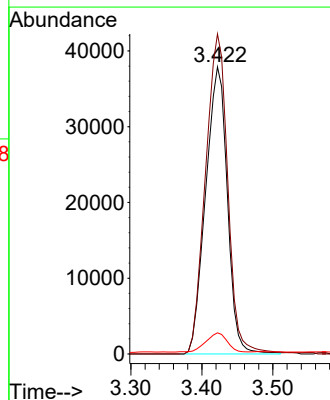
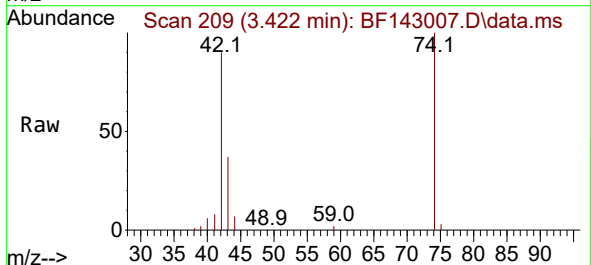
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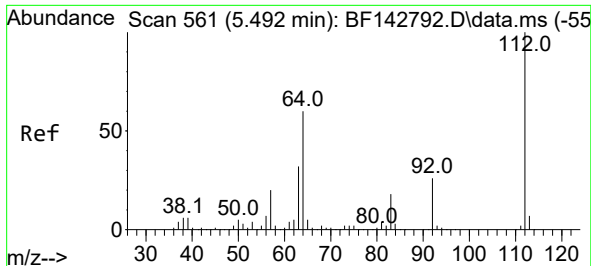
Tgt Ion: 79 Resp: 147585
 Ion Ratio Lower Upper
 79 100
 52 83.5 69.2 103.8
 51 41.0 33.2 49.8



#4
 n-Nitrosodimethylamine
 Concen: 40.088 ng
 RT: 3.422 min Scan# 209
 Delta R.T. 0.065 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

Tgt Ion: 42 Resp: 80661
 Ion Ratio Lower Upper
 42 100
 74 111.5 90.9 136.3
 44 7.3 5.8 8.6

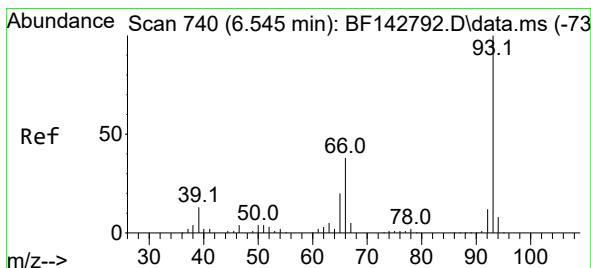
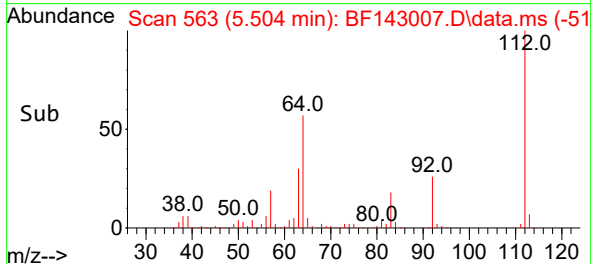
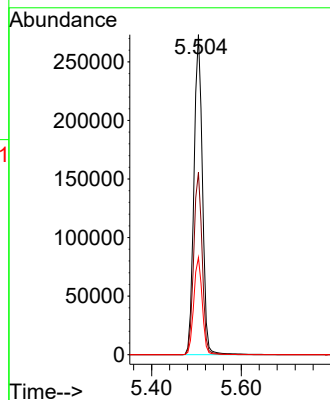
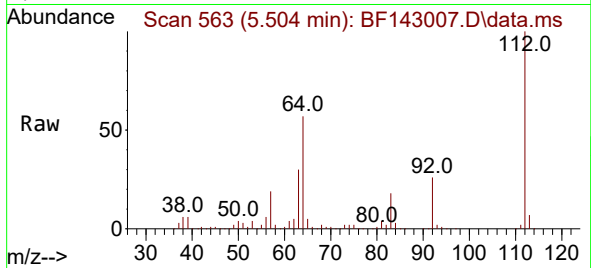




#5
2-Fluorophenol
Concen: 92.223 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

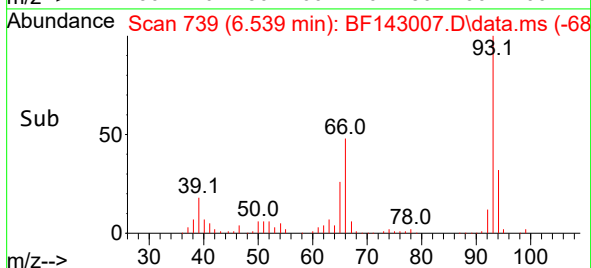
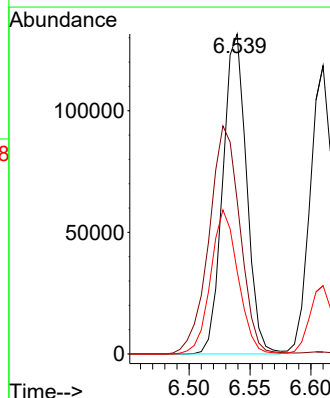
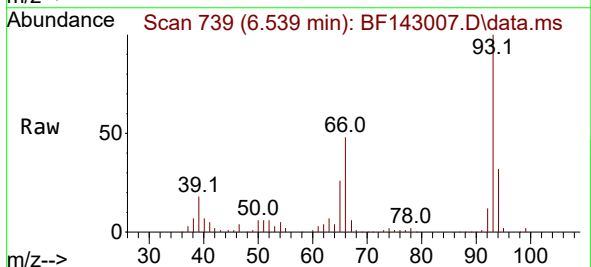
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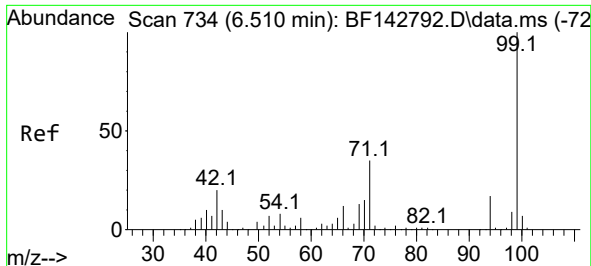
Tgt Ion:112 Resp: 357865
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 30.4 25.7 38.5



#6
Aniline
Concen: 29.261 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 93 Resp: 178248
Ion Ratio Lower Upper
93 100
66 48.0 31.8 47.6#
65 25.9 16.2 24.2#

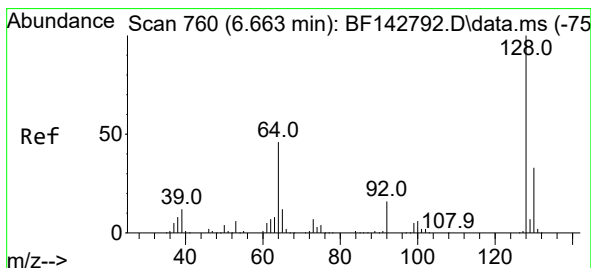
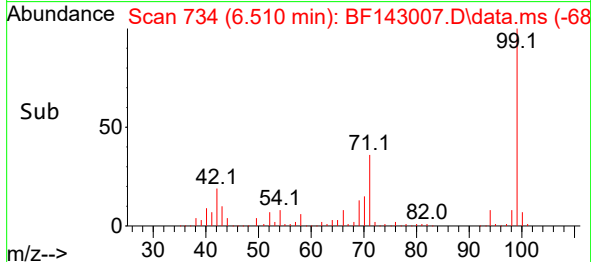
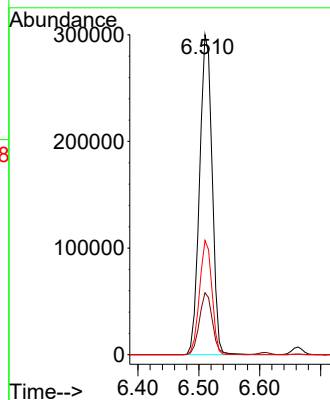
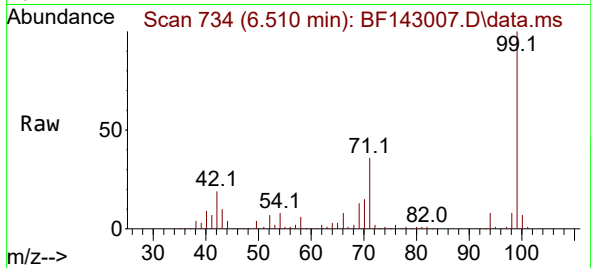




#7
Phenol-d6
Concen: 93.698 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

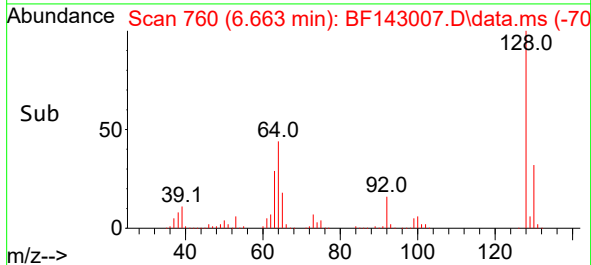
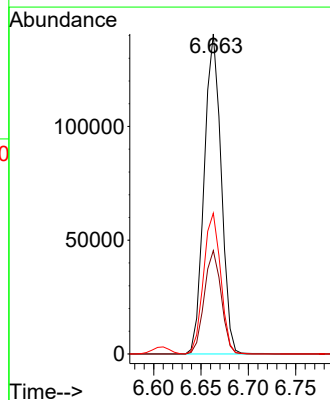
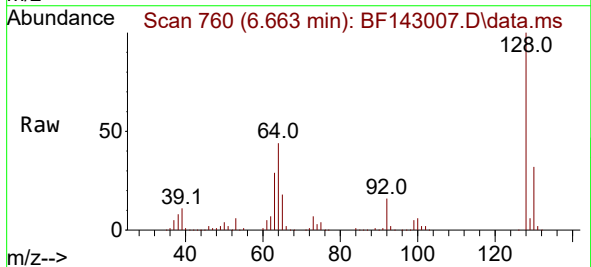
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Tgt Ion: 99 Resp: 428961
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.7 27.8 41.8



#8
2-Chlorophenol
Concen: 41.853 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143007.D
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Tgt Ion:128 Resp: 175190
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 44.0 26.5 66.5

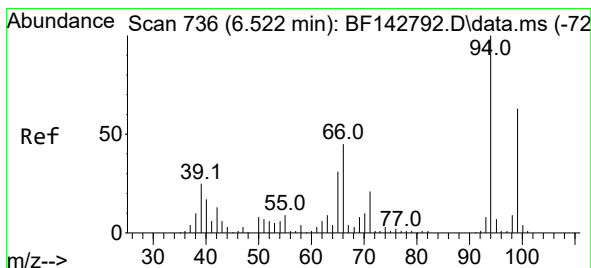
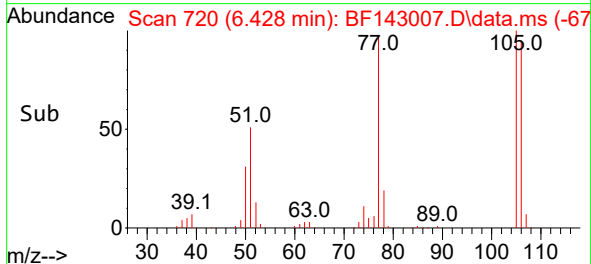
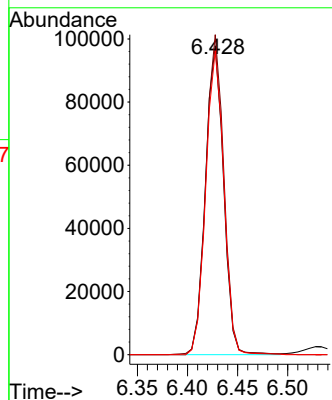
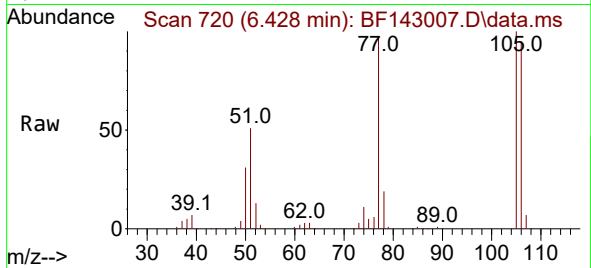




#9
Benzaldehyde
Concen: 45.267 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

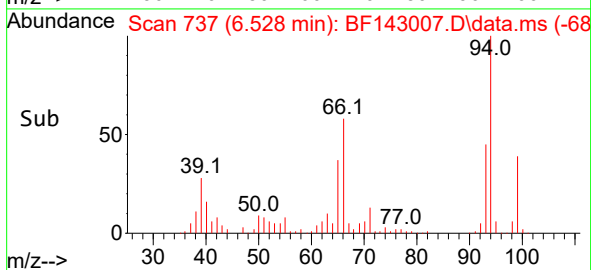
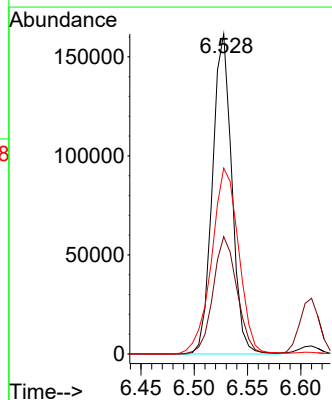
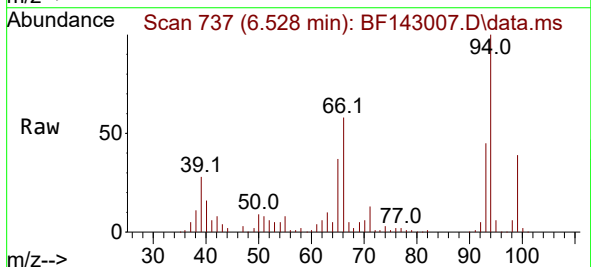
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Tgt Ion:	77	Resp:	122951
Ion	Ratio	Lower	Upper
77	100		
105	103.6	83.8	123.8
106	98.4	78.7	118.7



#10
Phenol
Concen: 40.040 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
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Tgt Ion:	94	Resp:	203759
Ion	Ratio	Lower	Upper
94	100		
65	36.6	11.3	51.3
66	58.1	24.9	64.9





#11

bis(2-Chloroethyl)ether

Concen: 41.913 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

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ClientSampleId :

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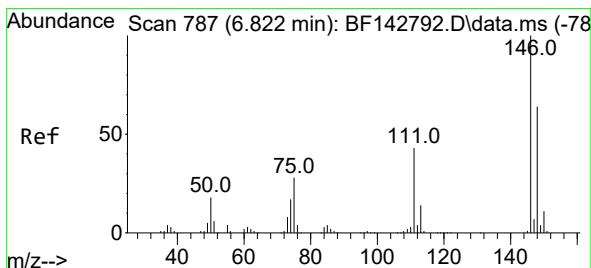
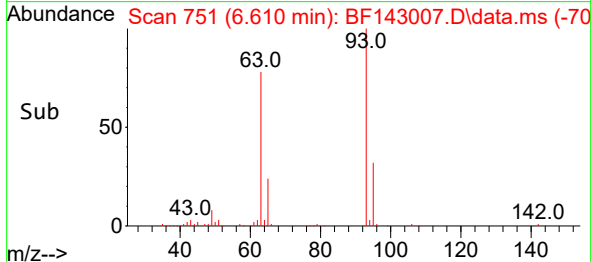
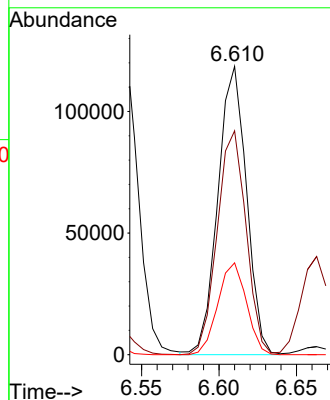
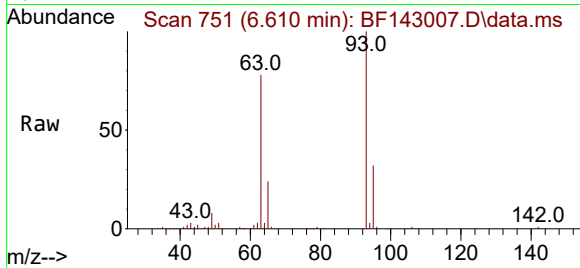
Tgt Ion: 93 Resp: 152443

Ion Ratio Lower Upper

93 100

63 77.6 60.3 100.3

95 31.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 41.728 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

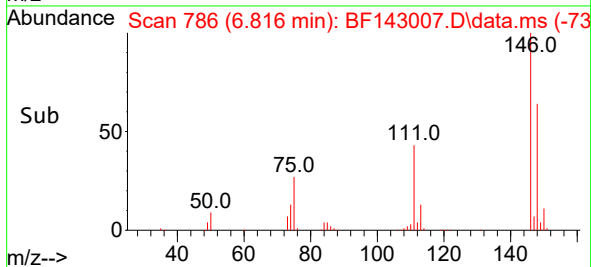
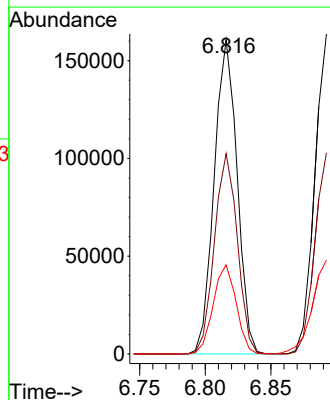
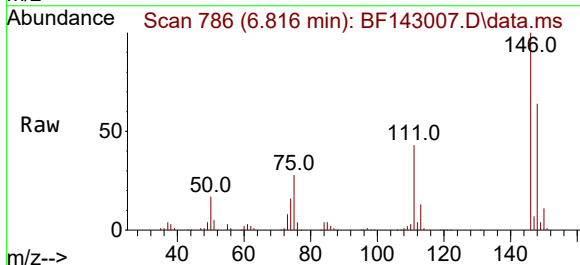
Tgt Ion:146 Resp: 195346

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

75 28.3 22.7 34.1

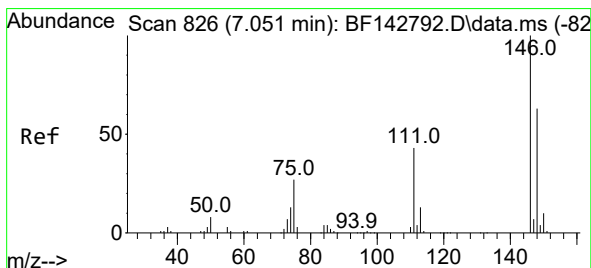
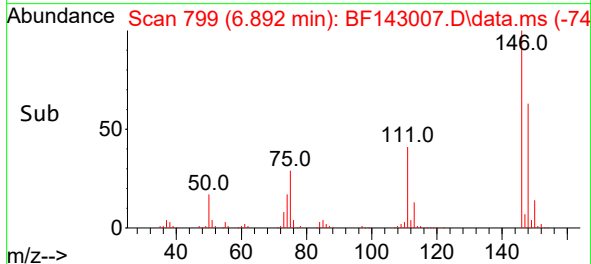
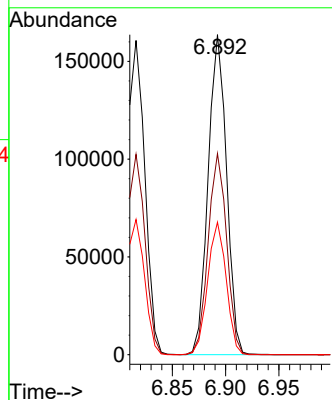
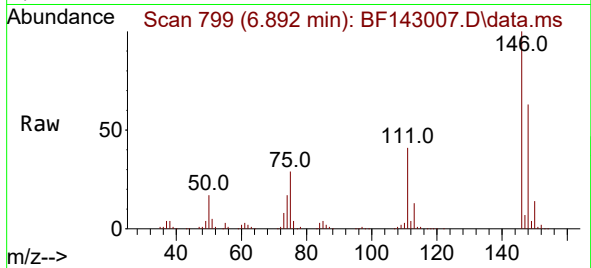




#13
1,4-Dichlorobenzene
Concen: 41.731 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

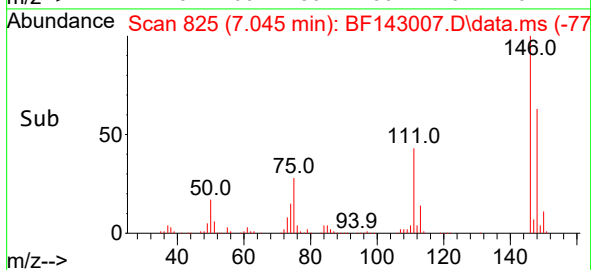
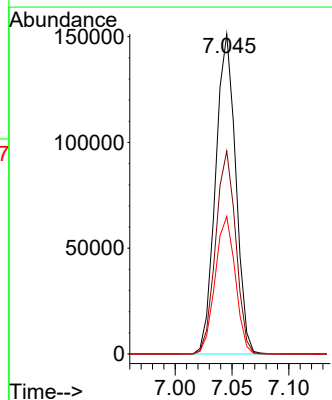
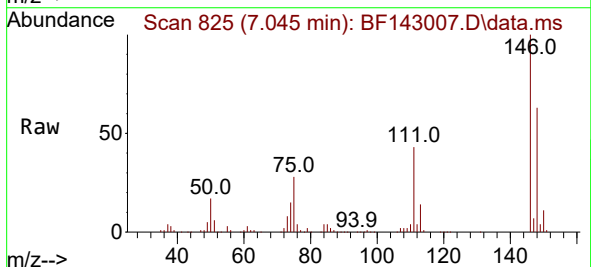
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

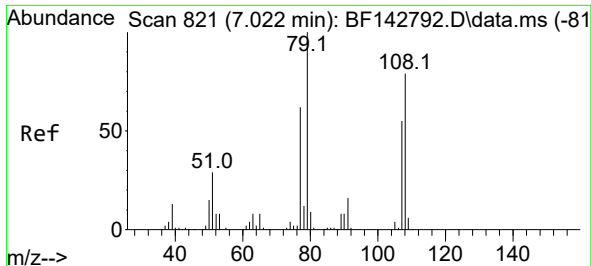
Tgt Ion:146 Resp: 197100
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 41.4 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 41.701 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:146 Resp: 186817
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 43.0 34.1 51.1

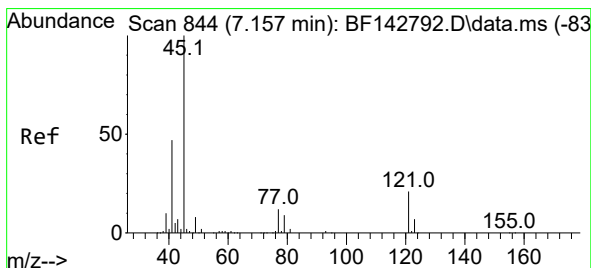
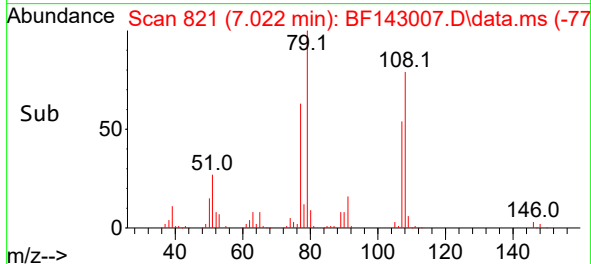
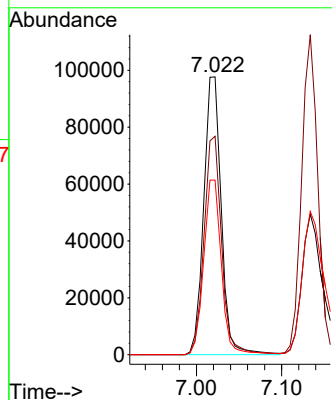
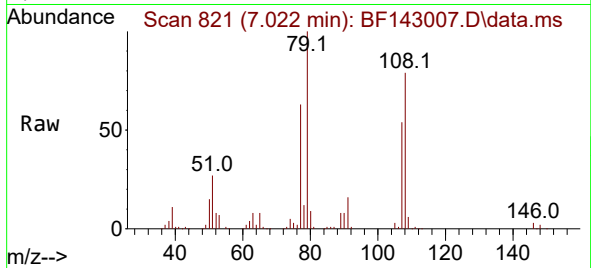




#15
Benzyl Alcohol
Concen: 42.264 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

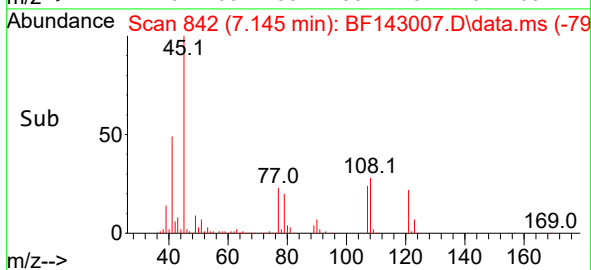
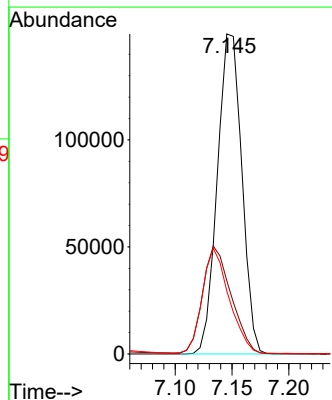
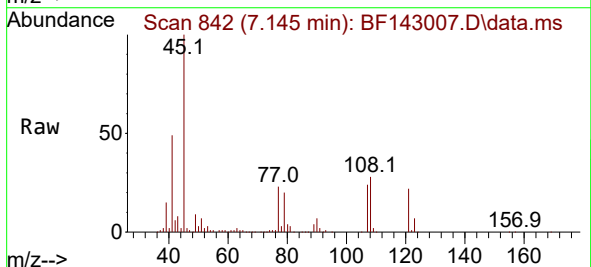
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

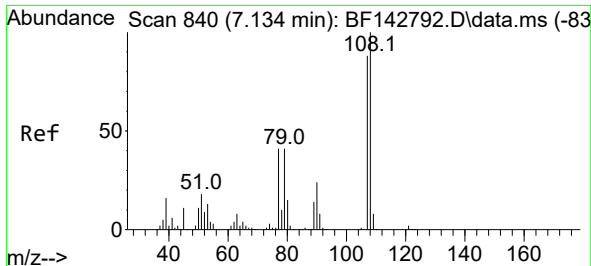
Tgt Ion: 79 Resp: 139879
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 62.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.402 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 45 Resp: 224407
Ion Ratio Lower Upper
45 100
77 23.0 0.0 32.8
79 19.7 0.0 29.8

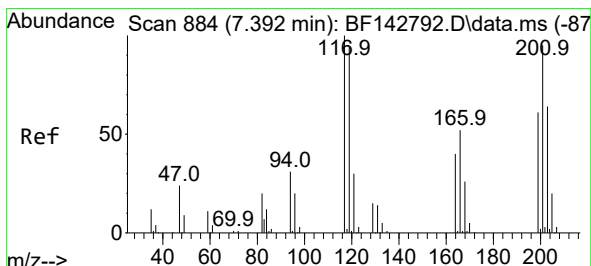
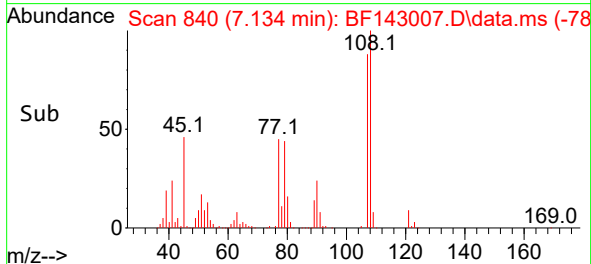
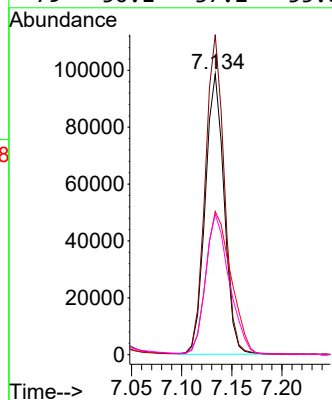
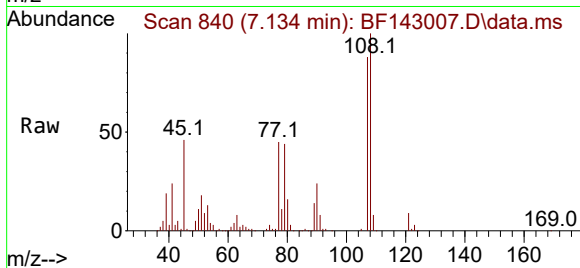




#17
2-Methylphenol
Concen: 40.951 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

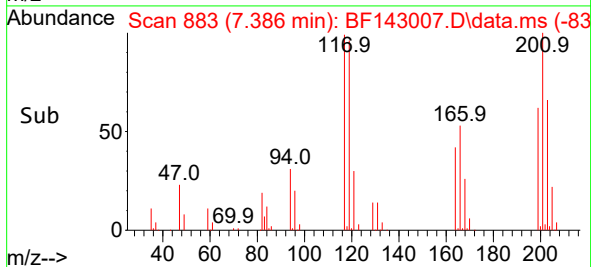
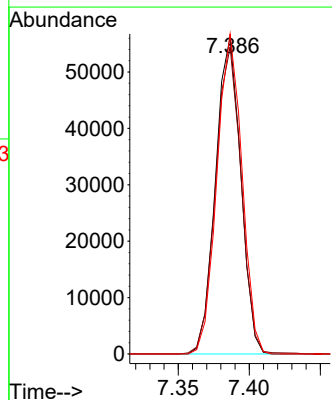
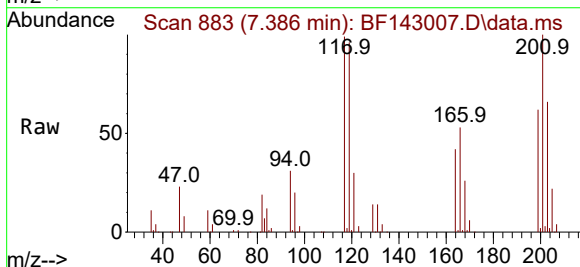
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:	107	Resp:	129901
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	51.0	37.3	55.9
79	50.1	37.2	55.8



#18
Hexachloroethane
Concen: 41.796 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:	117	Resp:	69049
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	100.9	75.9	113.9

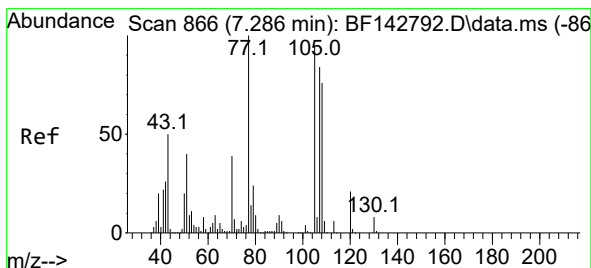
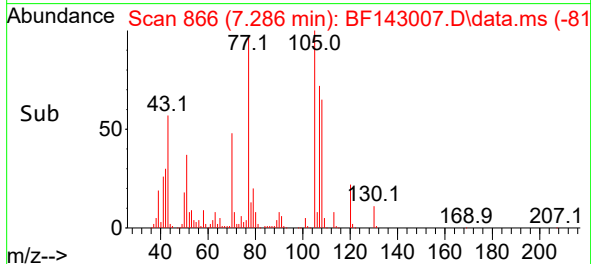
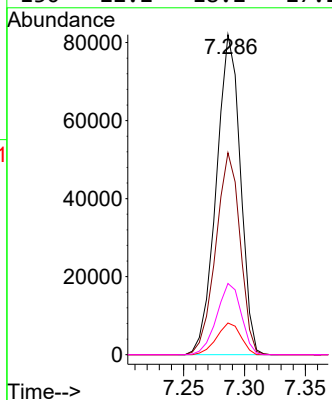
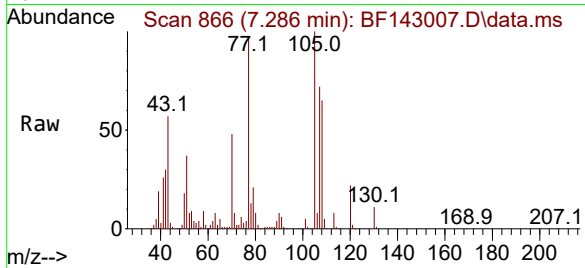




#19
n-Nitroso-di-n-propylamine
Concen: 42.402 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

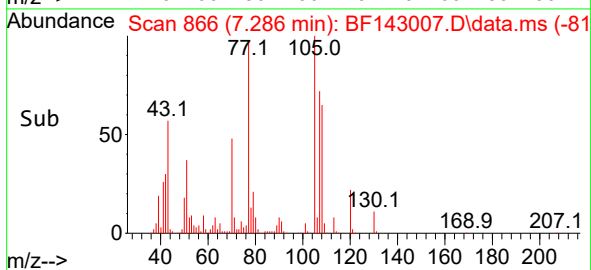
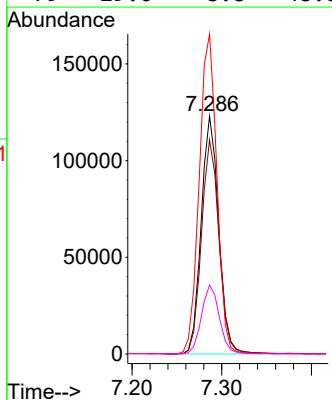
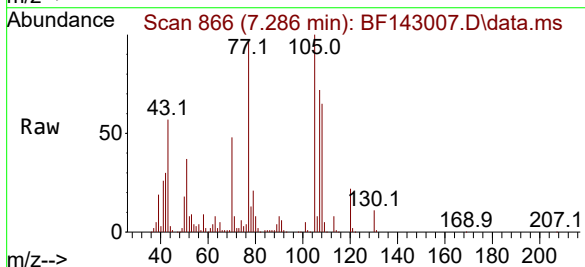
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

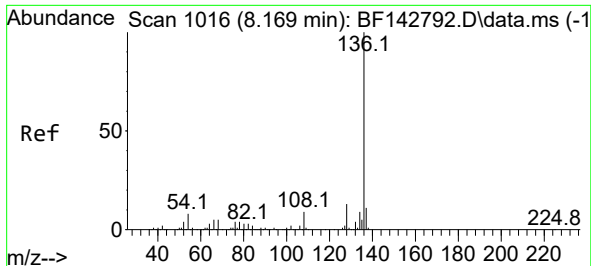
Tgt Ion: 70 Resp: 112902
Ion Ratio Lower Upper
70 100
42 63.1 52.1 78.1
101 9.9 8.2 12.2
130 22.2 18.2 27.2



#20
3+4-Methylphenols
Concen: 42.238 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:107 Resp: 167055
Ion Ratio Lower Upper
107 100
108 90.0 70.0 110.0
77 134.5 98.5 138.5
79 29.0 8.8 48.8

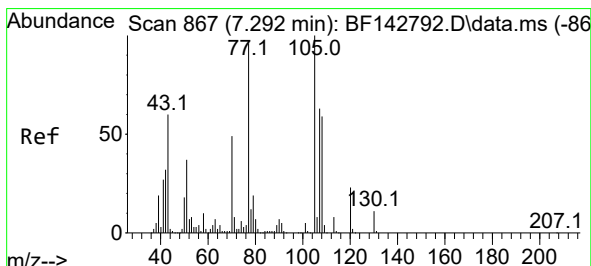
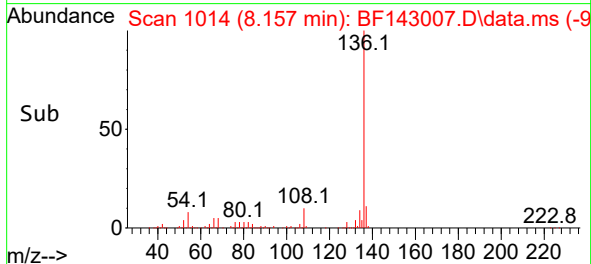
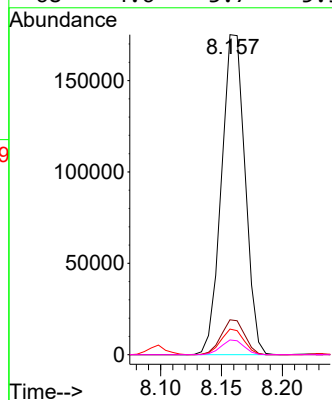
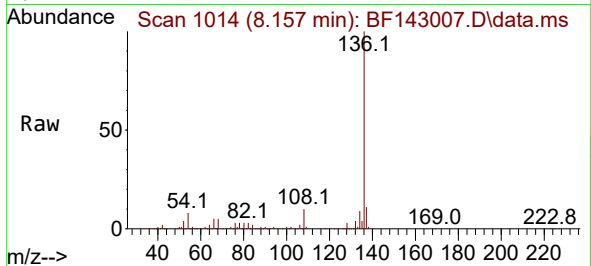




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

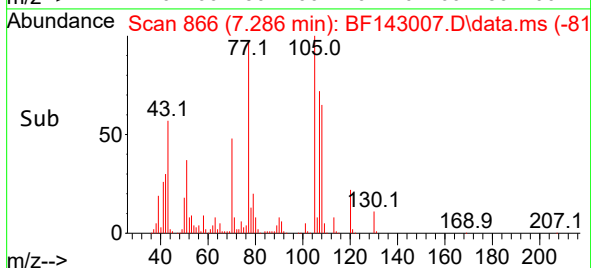
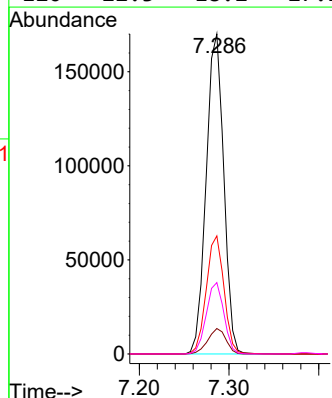
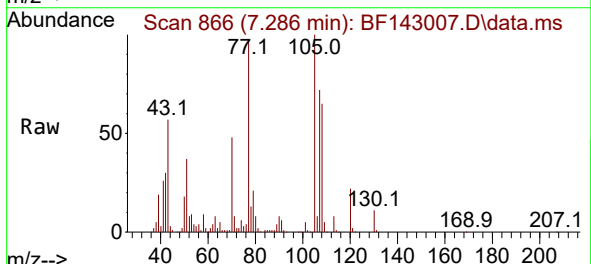
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

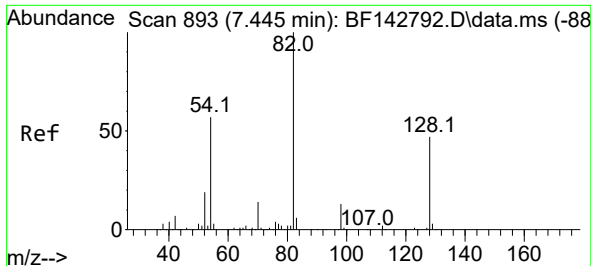
Tgt Ion:136 Resp: 236179
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 6.3 9.5
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 44.411 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:105 Resp: 231299
Ion Ratio Lower Upper
105 100
71 8.0 6.5 9.7
51 36.9 29.8 44.8
120 22.3 18.2 27.2

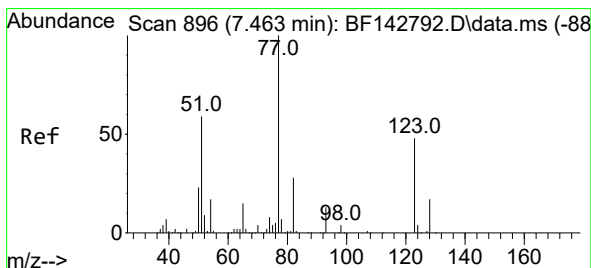
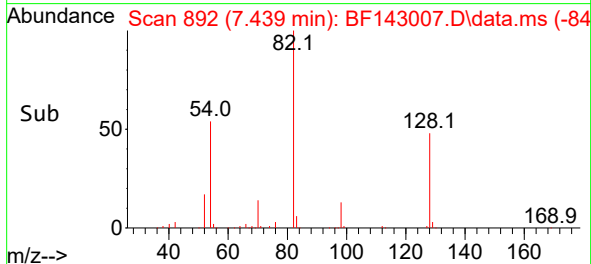
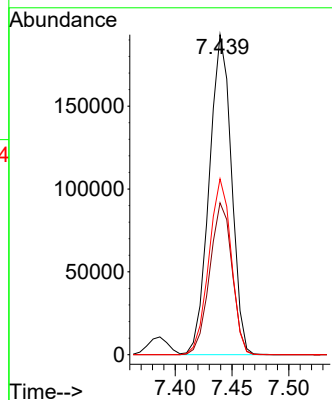
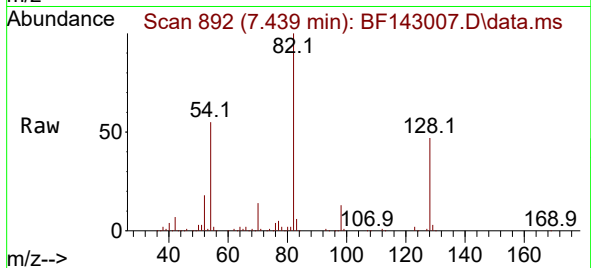




#23
Nitrobenzene-d5
Concen: 61.116 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

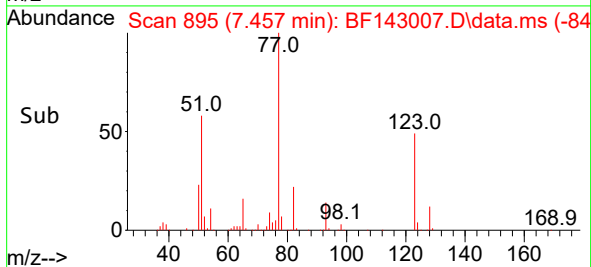
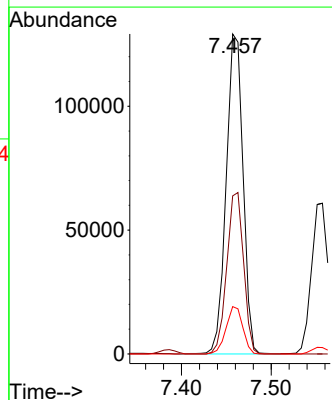
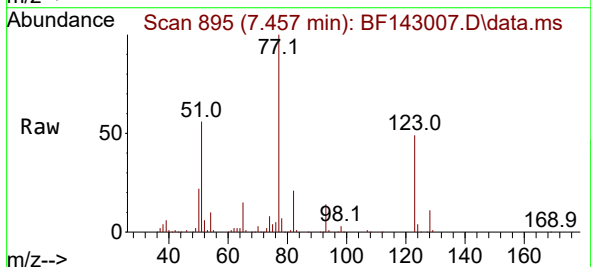
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

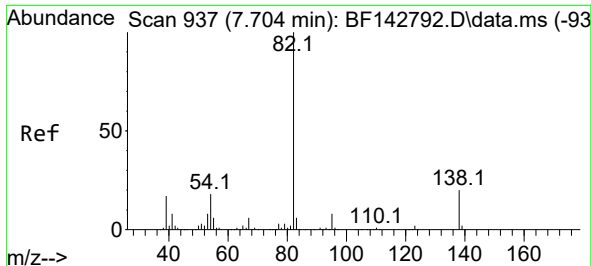
Tgt Ion: 82 Resp: 263155
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 55.0 45.7 68.5



#24
Nitrobenzene
Concen: 43.338 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 77 Resp: 168895
Ion Ratio Lower Upper
77 100
123 49.4 39.2 58.8
65 14.8 11.6 17.4

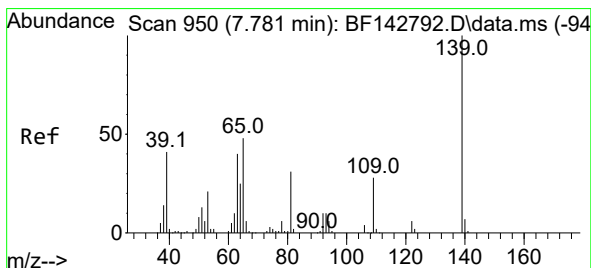
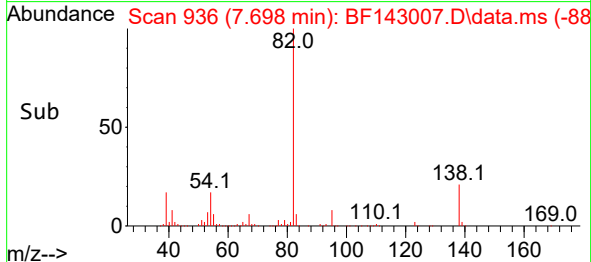
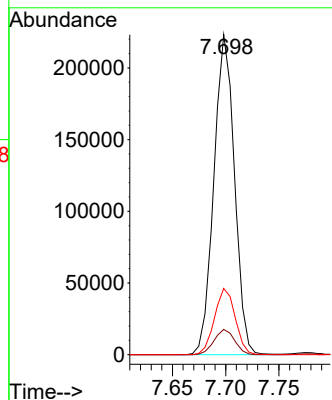
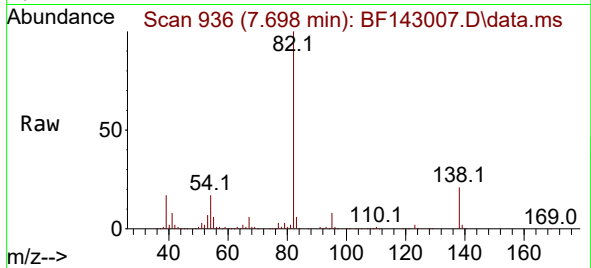




#25
Isophorone
Concen: 43.413 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

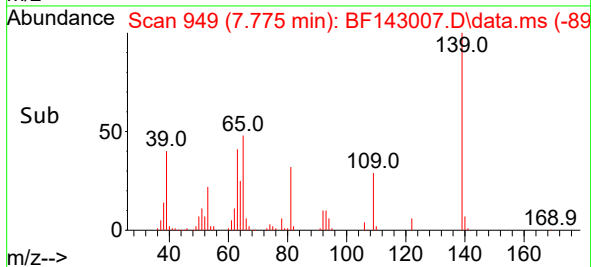
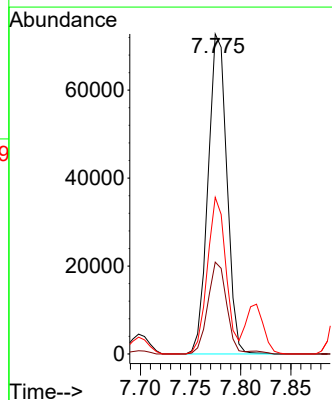
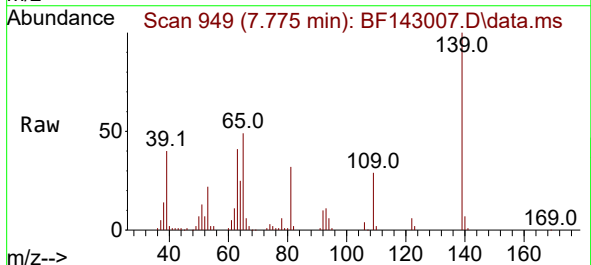
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

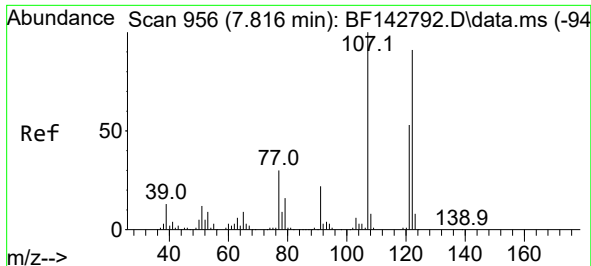
Tgt Ion: 82 Resp: 299867
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.7 16.2 24.4



#26
2-Nitrophenol
Concen: 44.835 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:139 Resp: 95184
Ion Ratio Lower Upper
139 100
109 28.7 22.7 34.1
65 49.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.525 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

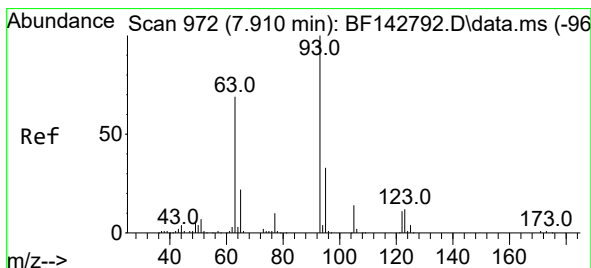
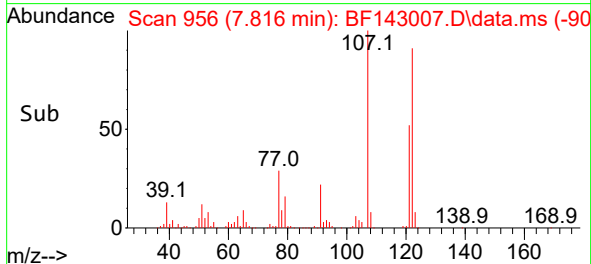
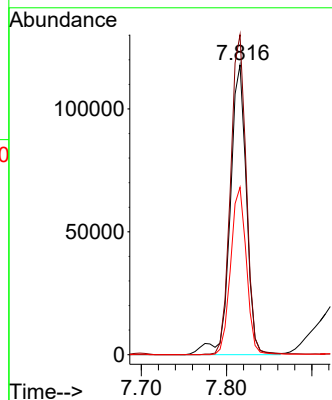
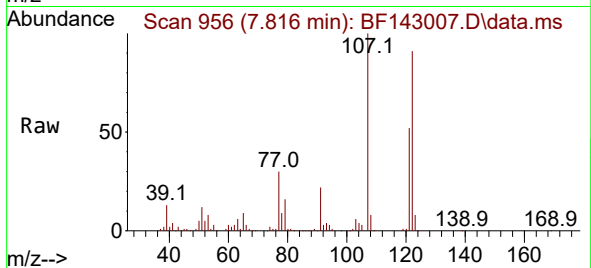
Tgt Ion:122 Resp: 156379

Ion Ratio Lower Upper

122 100

107 110.4 88.0 132.0

121 57.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.488 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

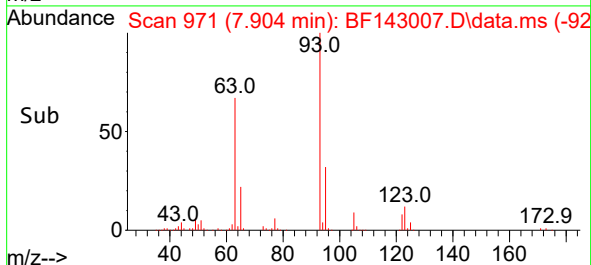
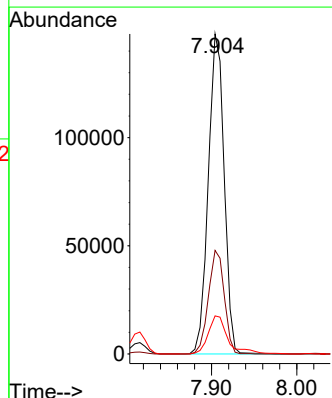
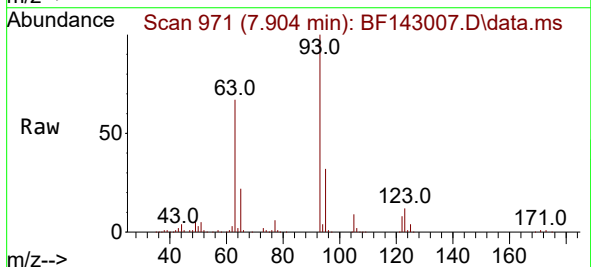
Tgt Ion: 93 Resp: 190971

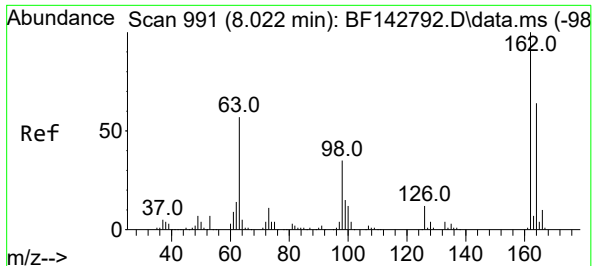
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.9 9.9 14.9

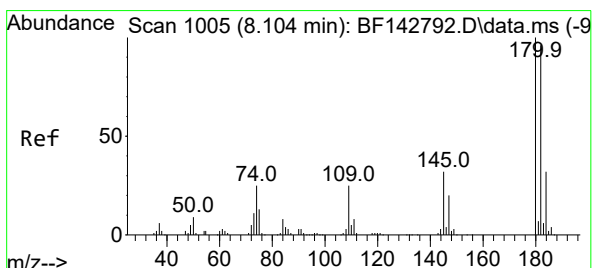
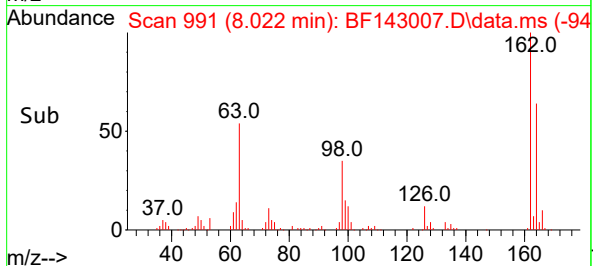
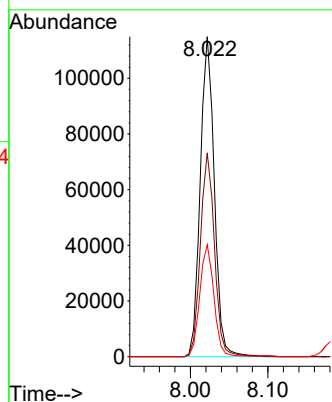
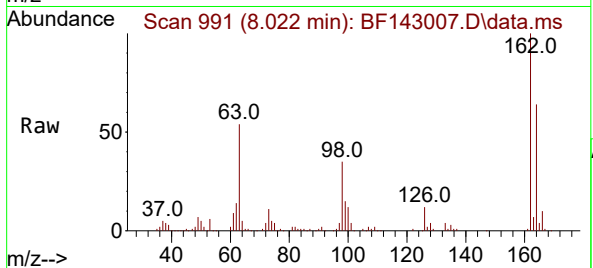




#29
2,4-Dichlorophenol
Concen: 43.446 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

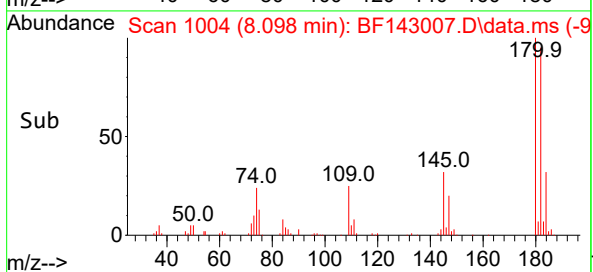
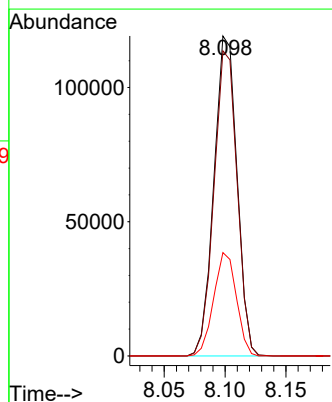
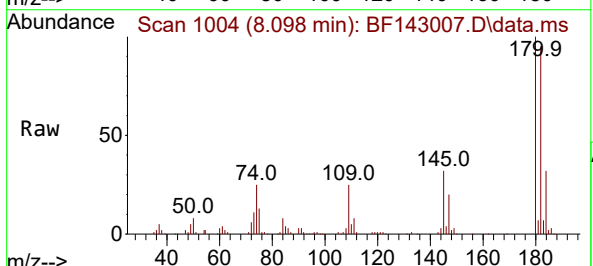
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

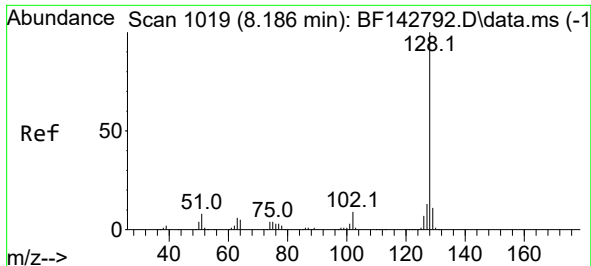
Tgt Ion:162 Resp: 144863
Ion Ratio Lower Upper
162 100
164 63.7 44.0 84.0
98 35.0 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 42.876 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:180 Resp: 157204
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 32.3 25.8 38.8

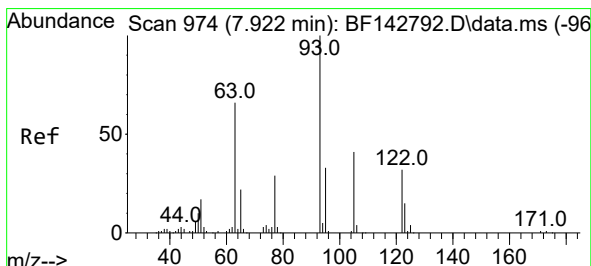
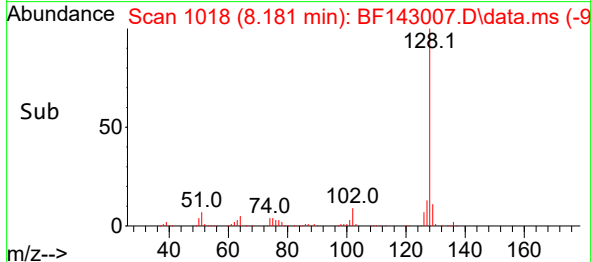
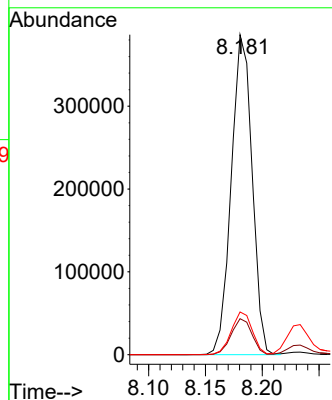
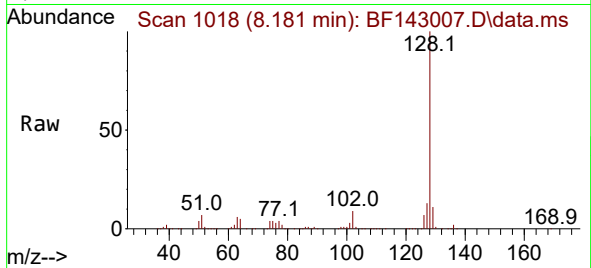




#31
Naphthalene
Concen: 42.656 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

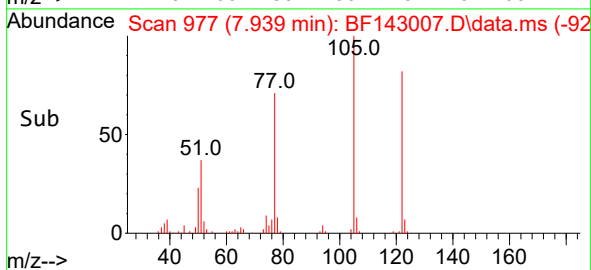
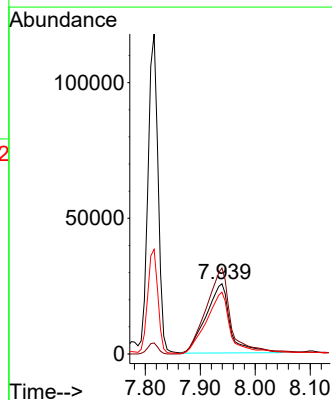
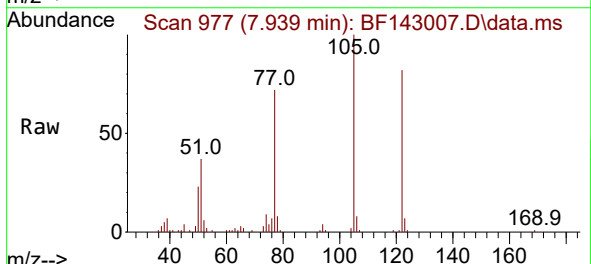
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

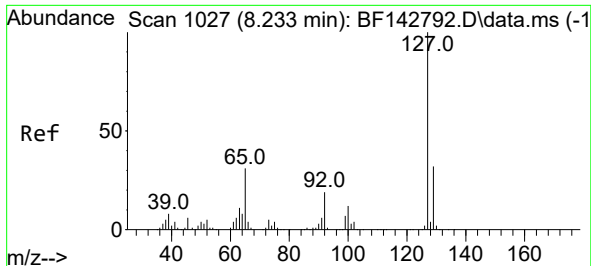
Tgt Ion:128 Resp: 493129
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 41.903 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:122 Resp: 78539
Ion Ratio Lower Upper
122 100
105 122.3 104.7 144.7
77 87.8 70.2 110.2





#33

4-Chloroaniline

Concen: 12.233 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

Tgt Ion:127 Resp: 57503

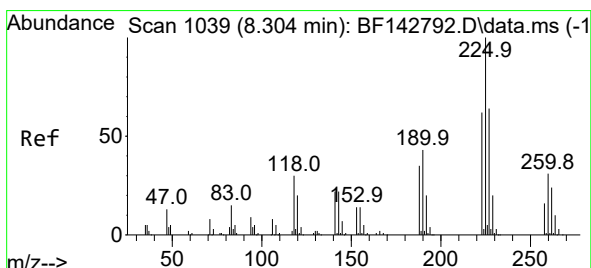
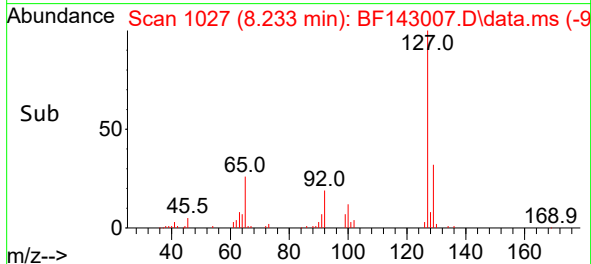
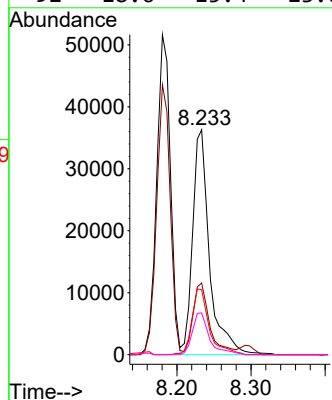
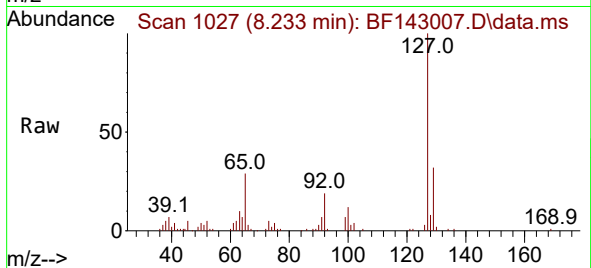
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 28.8 24.6 36.8

92 18.6 15.4 23.0



#34

Hexachlorobutadiene

Concen: 44.537 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

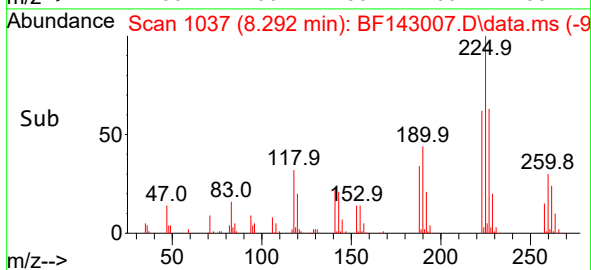
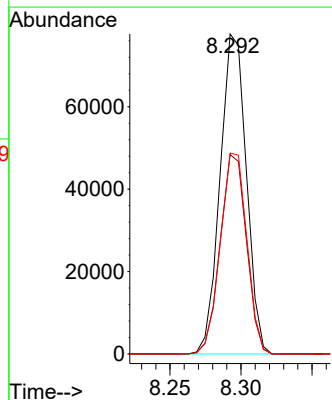
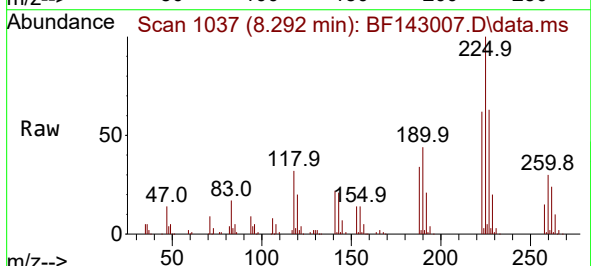
Tgt Ion:225 Resp: 99883

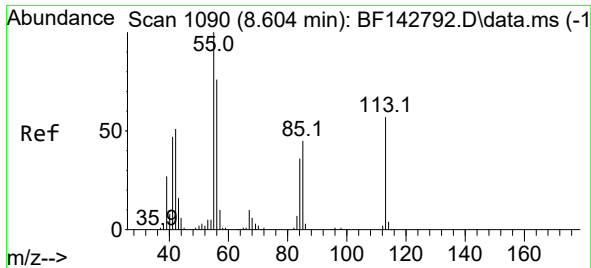
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 62.8 51.4 77.0

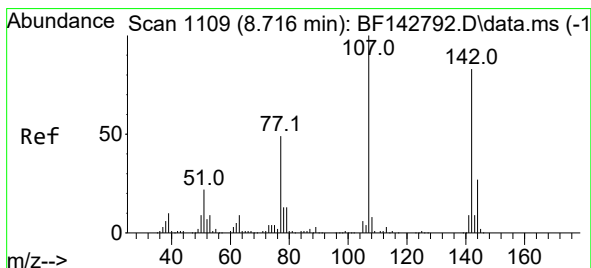
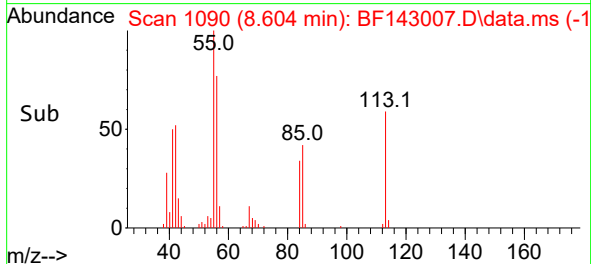
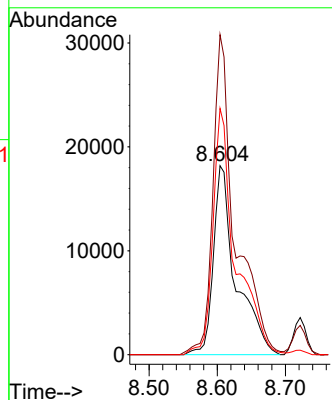
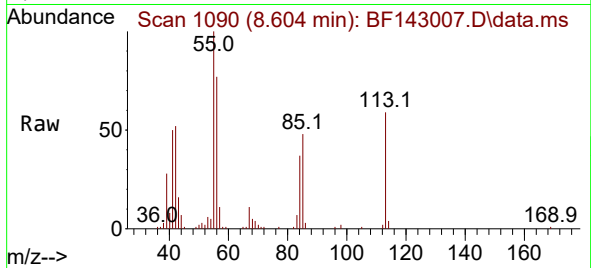




#35
 Caprolactam
 Concen: 47.945 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

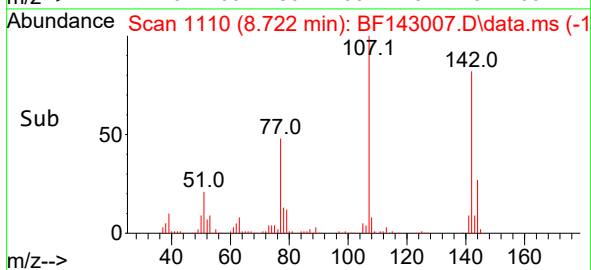
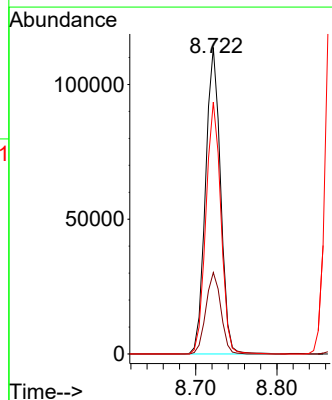
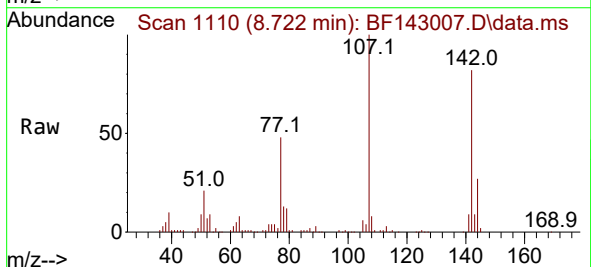
Instrument :
 BNA_F
 ClientSampleId :
 WC-11MSD

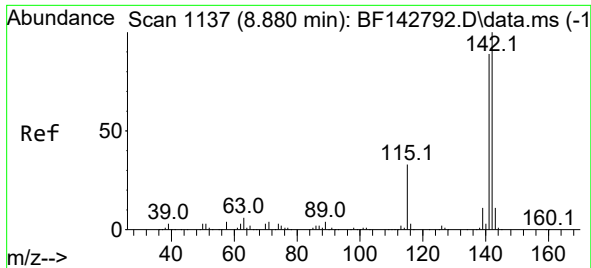
Tgt Ion:113 Resp: 42185
 Ion Ratio Lower Upper
 113 100
 55 169.3 154.4 194.4
 56 130.3 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.885 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

Tgt Ion:107 Resp: 145424
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 82.2 66.6 100.0

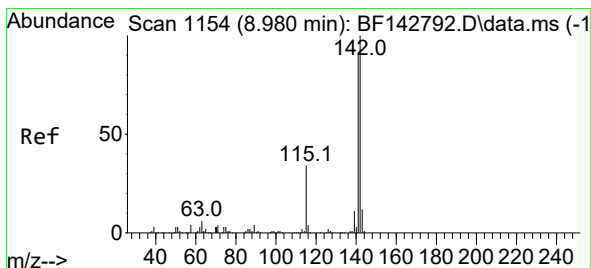
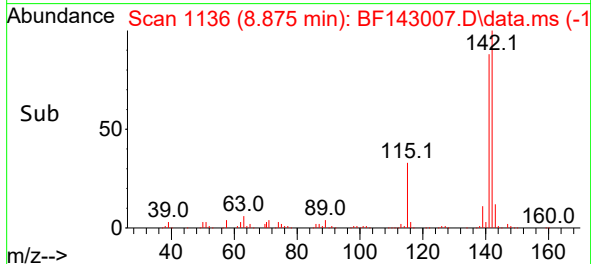
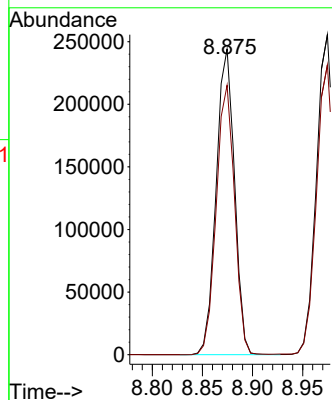
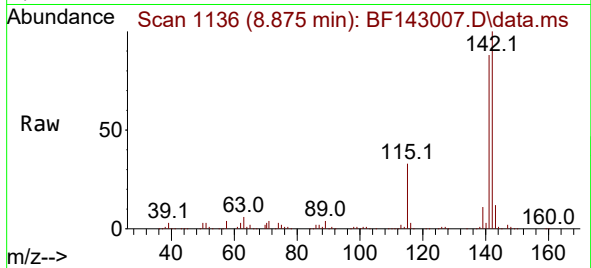




#37
2-Methylnaphthalene
Concen: 43.286 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

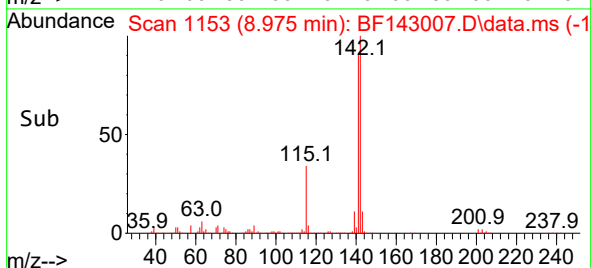
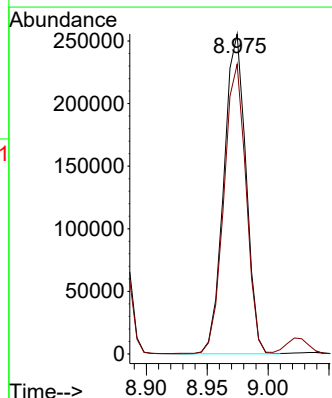
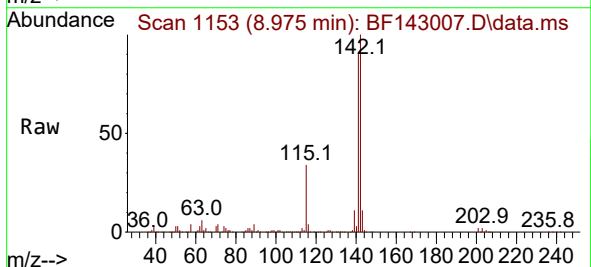
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:142 Resp: 310236
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.538 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:142 Resp: 323024
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4

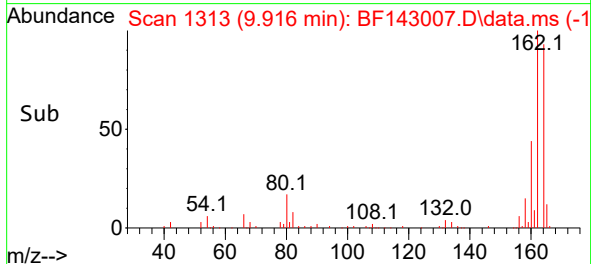
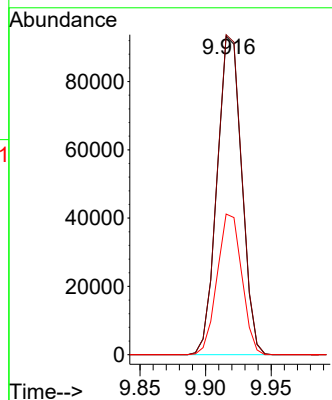
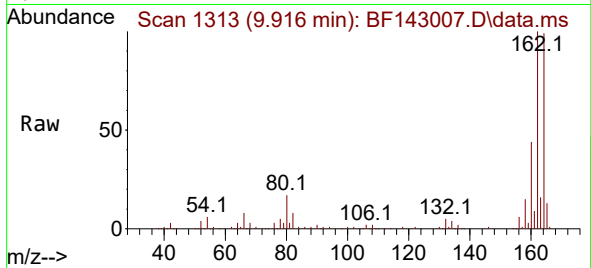




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

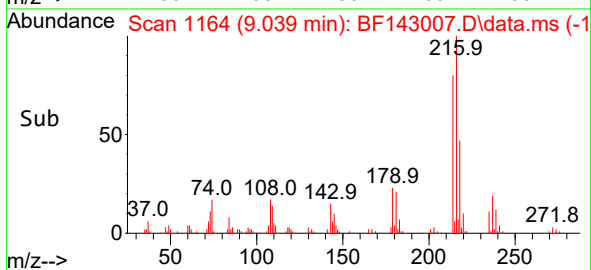
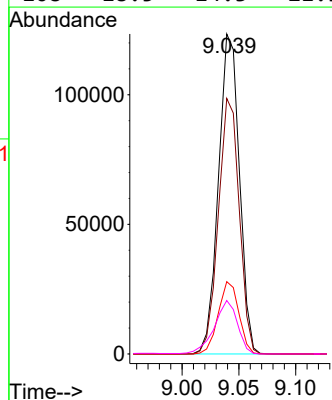
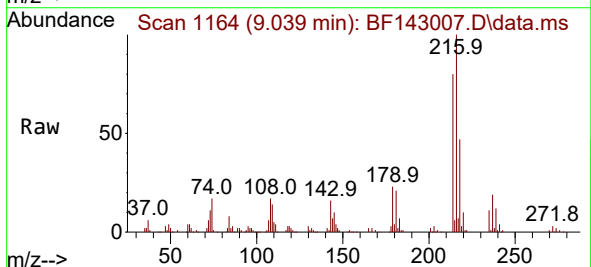
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:164 Resp: 121582
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.8
160 44.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.076 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:216 Resp: 158122
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 22.3 17.6 26.4
108 18.5 14.3 21.5

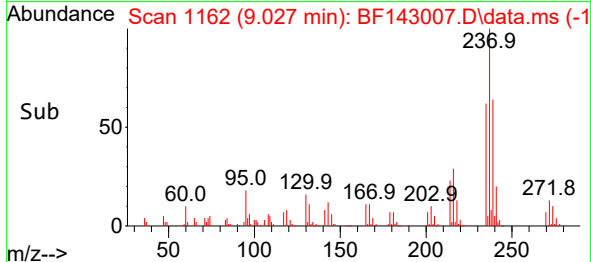
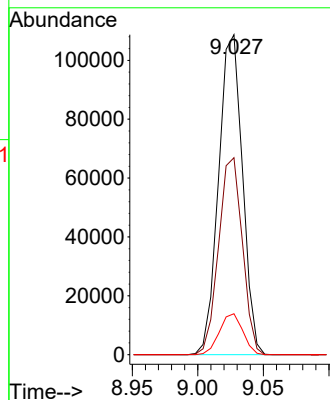
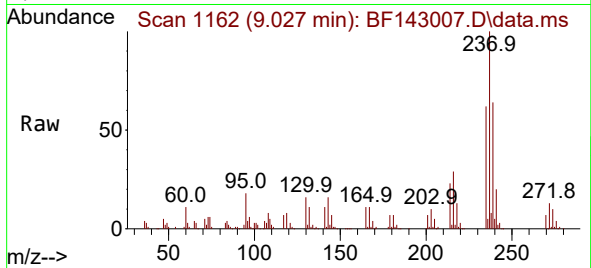




#41
Hexachlorocyclopentadiene
Concen: 67.625 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

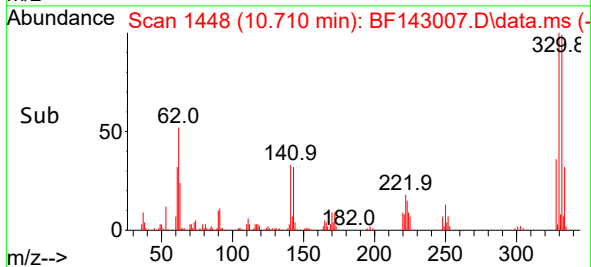
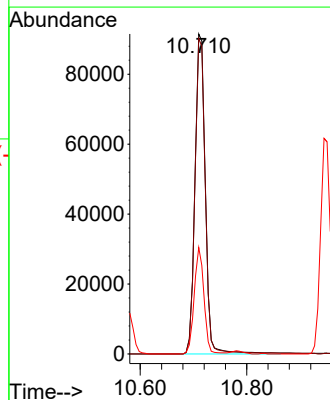
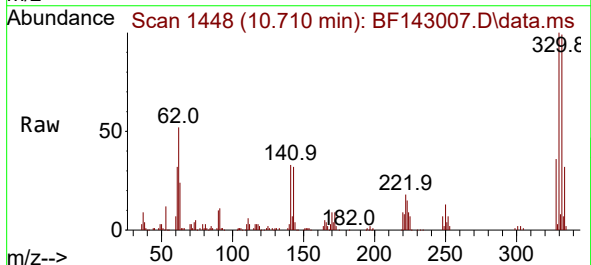
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

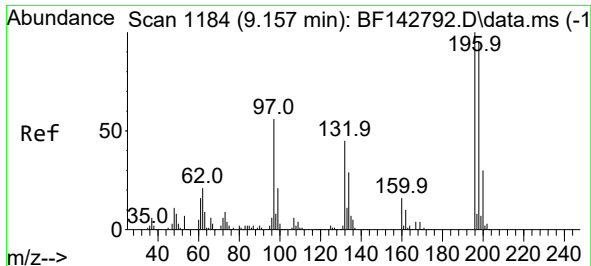
Tgt Ion:237 Resp: 137672
Ion Ratio Lower Upper
237 100
235 61.5 43.4 83.4
272 12.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 99.009 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:330 Resp: 123876
Ion Ratio Lower Upper
330 100
332 97.9 75.0 112.6
141 31.2 25.3 37.9

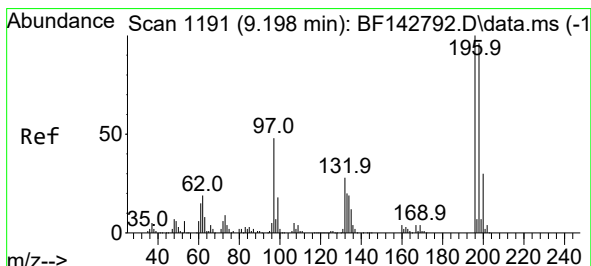
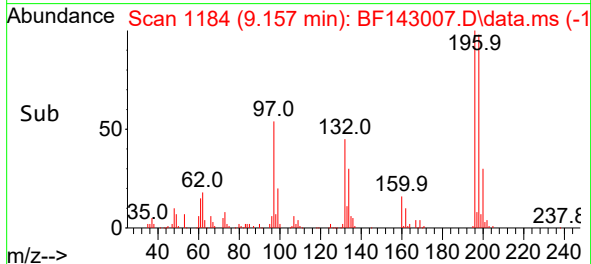
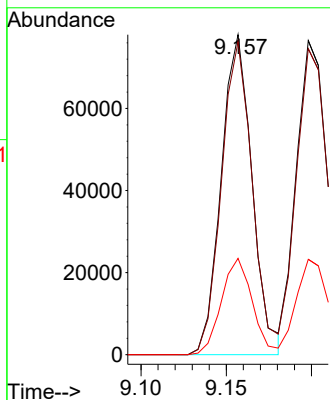
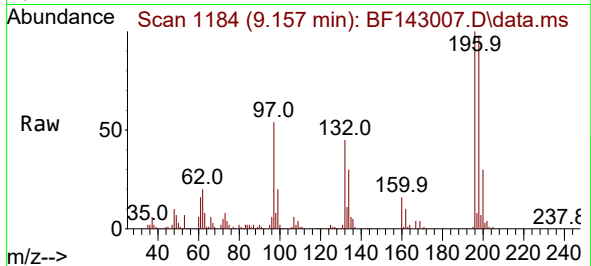




#43
2,4,6-Trichlorophenol
Concen: 42.079 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

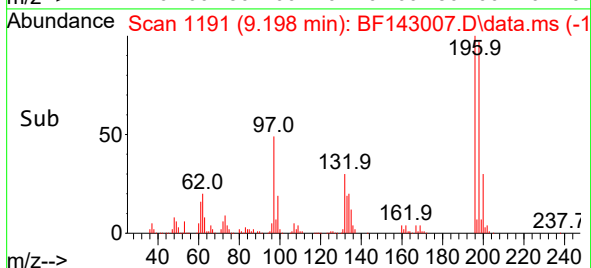
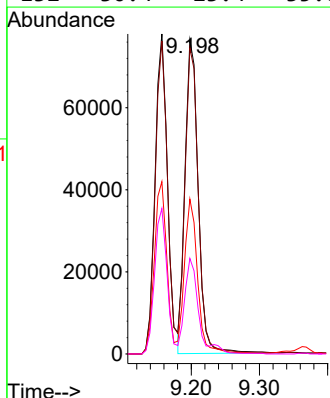
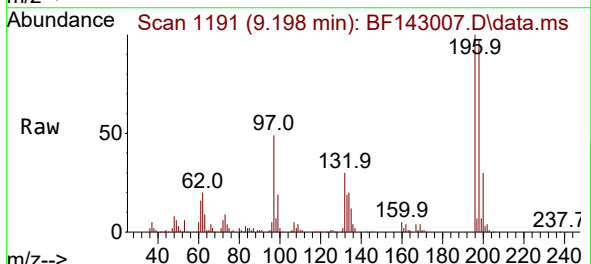
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

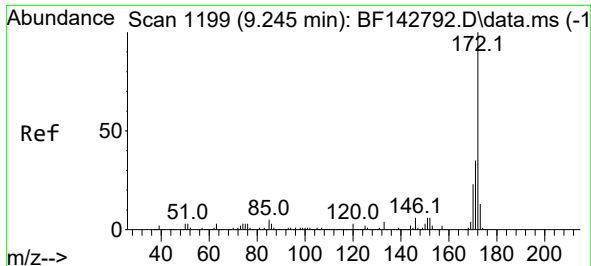
Tgt Ion:196 Resp: 98368
Ion Ratio Lower Upper
196 100
198 97.8 76.2 114.2
200 30.1 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.545 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:196 Resp: 102235
Ion Ratio Lower Upper
196 100
198 97.4 76.6 115.0
97 49.3 38.2 57.2
132 30.4 23.4 35.0

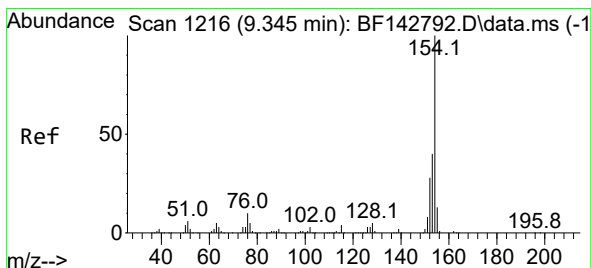
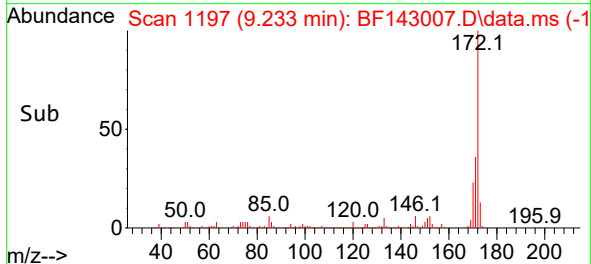
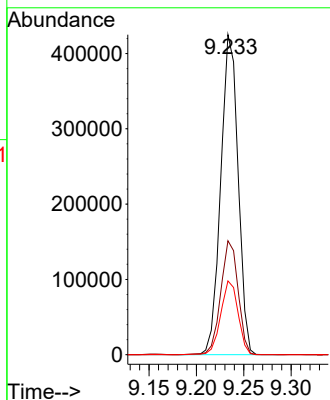
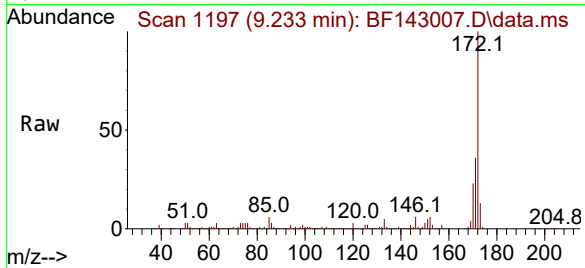




#45
2-Fluorobiphenyl
Concen: 58.603 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

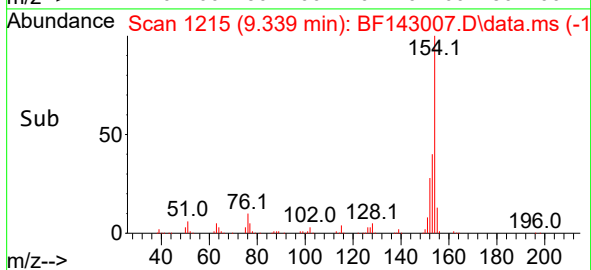
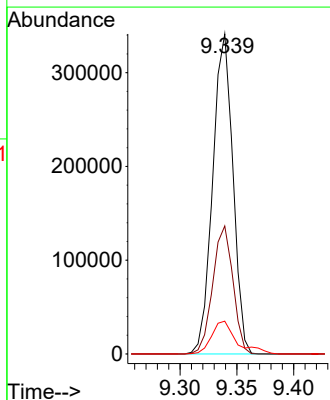
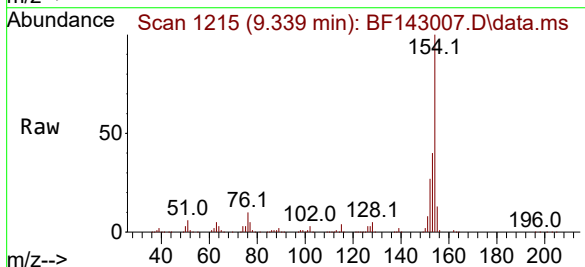
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

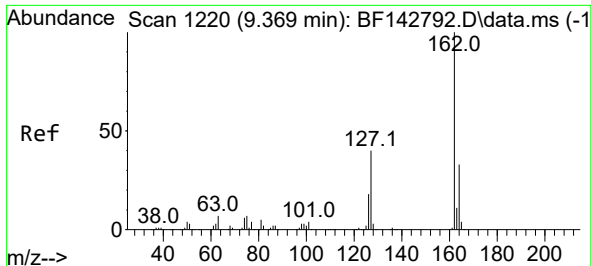
Tgt Ion:172 Resp: 542376
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 43.967 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:154 Resp: 422277
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 10.3 0.0 30.3

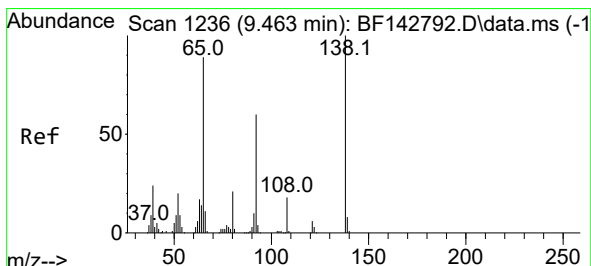
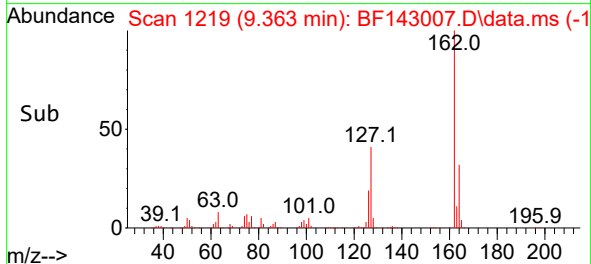
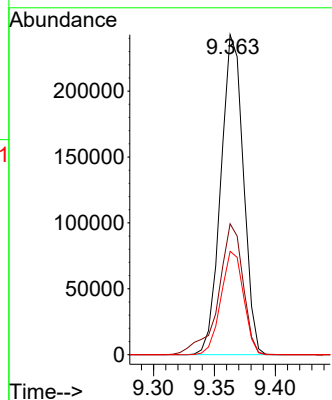
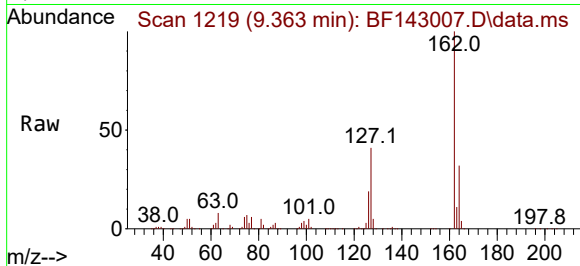




#47
2-Chloronaphthalene
Concen: 43.388 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

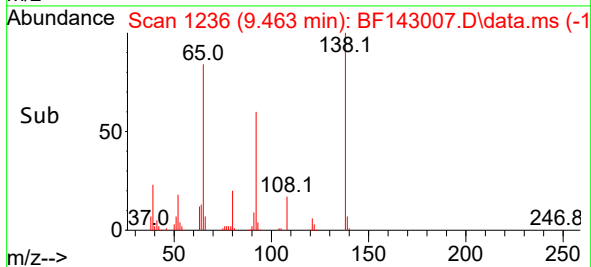
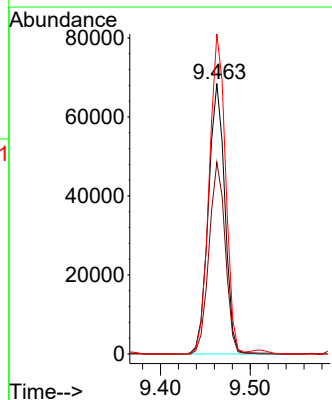
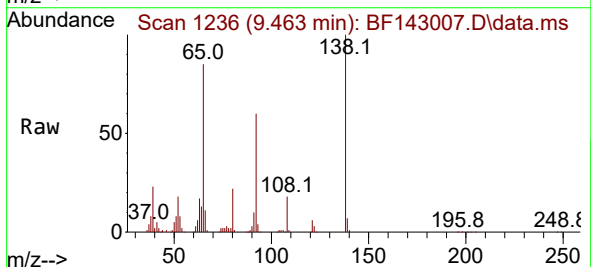
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

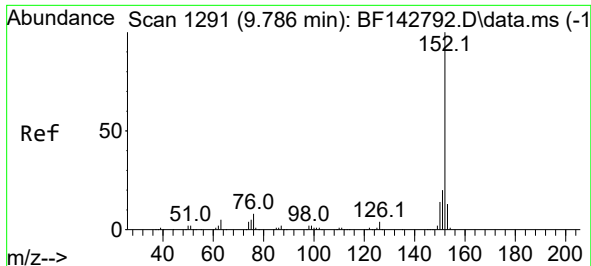
Tgt Ion:162 Resp: 312713
Ion Ratio Lower Upper
162 100
127 40.9 32.2 48.2
164 32.3 26.1 39.1



#48
2-Nitroaniline
Concen: 43.116 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 65 Resp: 87120
Ion Ratio Lower Upper
65 100
92 70.9 53.8 80.6
138 118.3 89.6 134.4

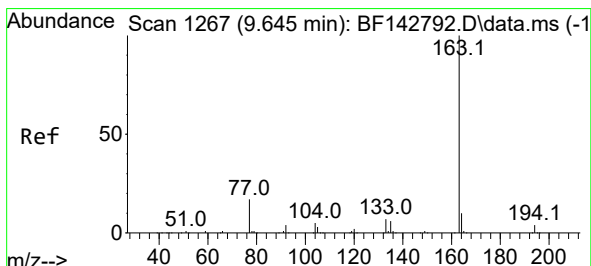
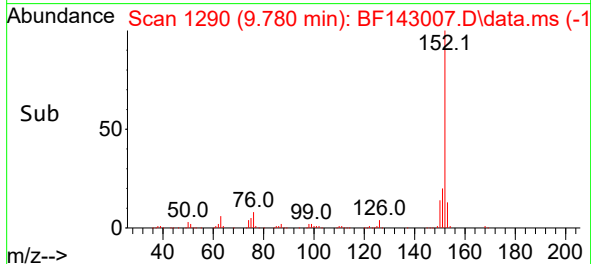
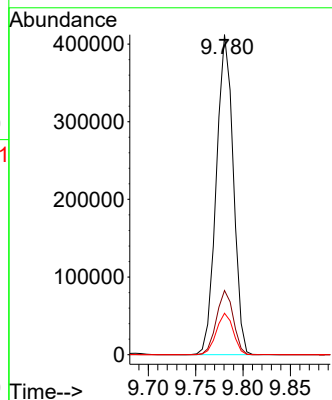
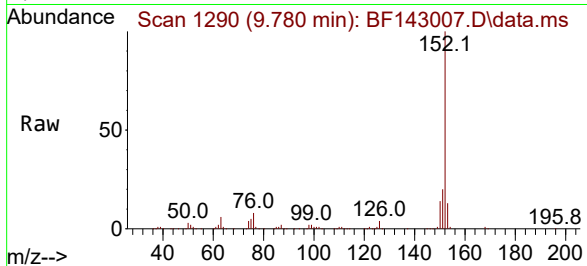




#49
Acenaphthylene
Concen: 43.292 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

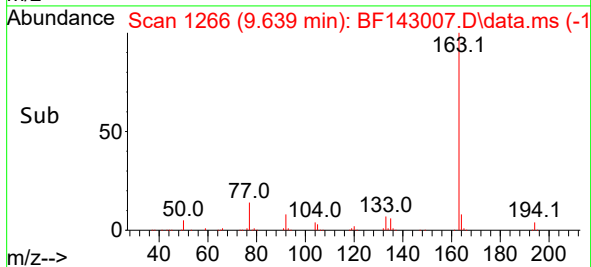
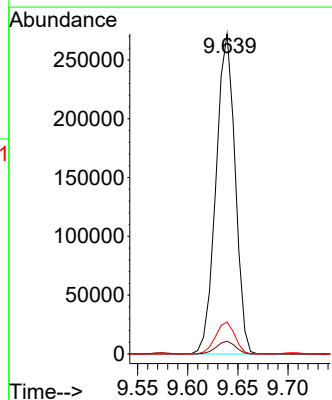
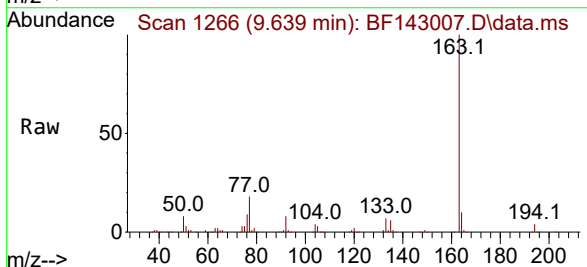
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

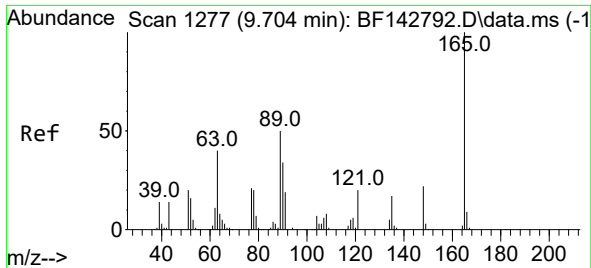
Tgt Ion:152 Resp: 513656
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 45.877 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:163 Resp: 361051
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.0 12.0

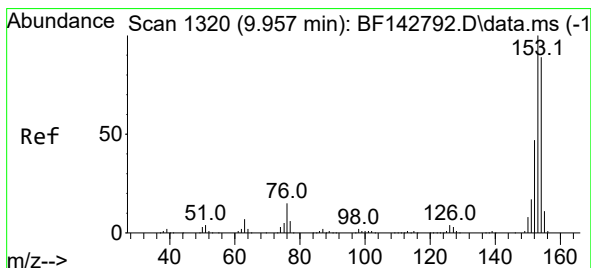
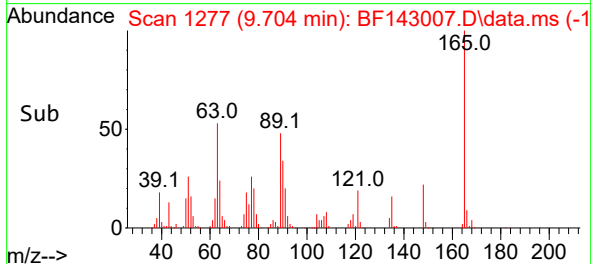
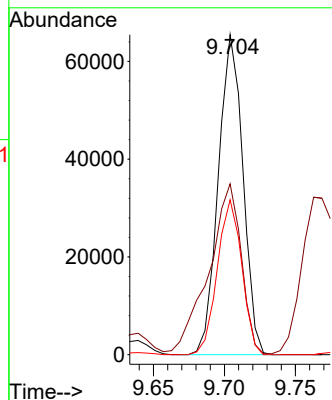
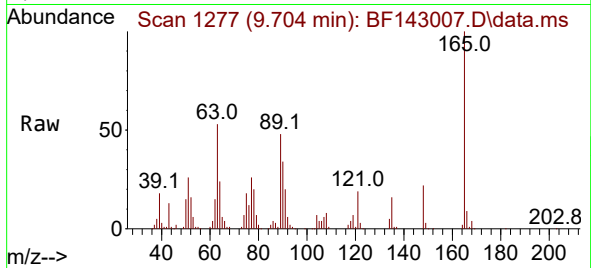




#51
2,6-Dinitrotoluene
Concen: 45.585 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

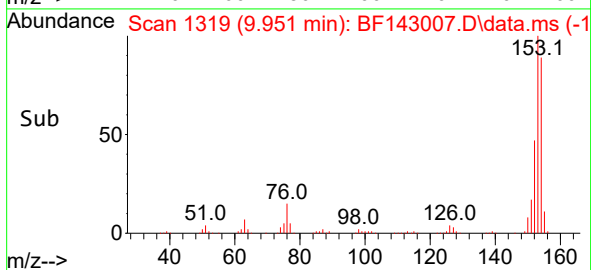
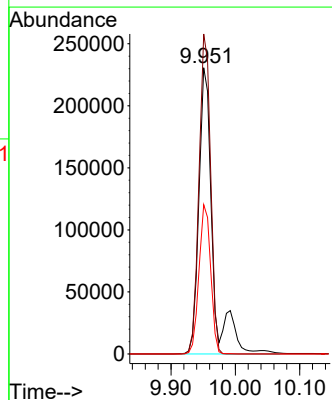
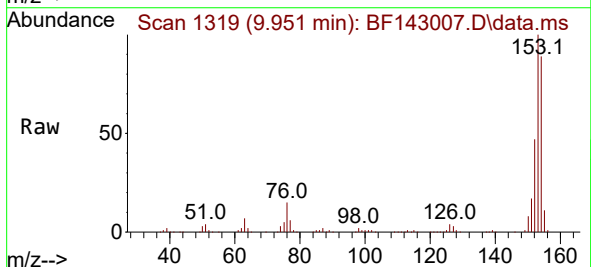
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:165 Resp: 78787
Ion Ratio Lower Upper
165 100
63 53.4 44.2 66.4
89 48.4 39.8 59.8



#52
Acenaphthene
Concen: 47.648 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:154 Resp: 344922
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.1 41.9 62.9

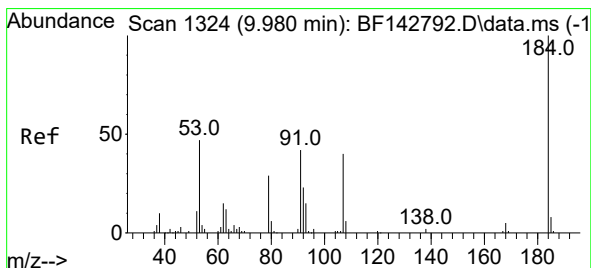
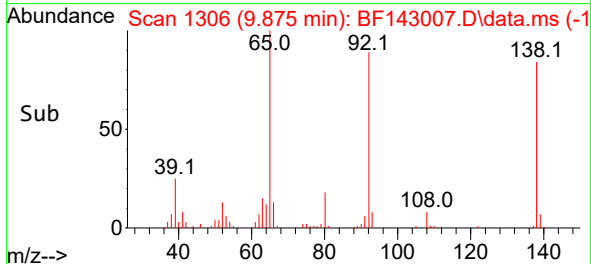
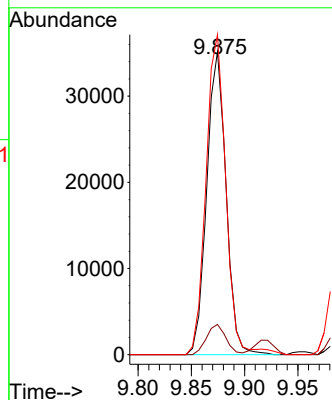
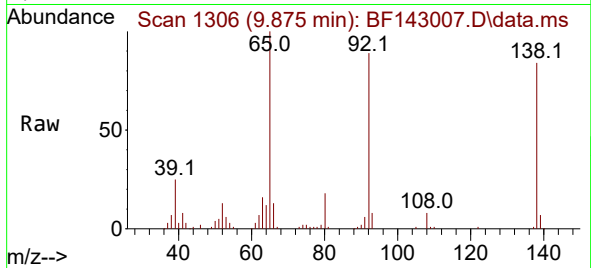




#53
3-Nitroaniline
Concen: 23.371 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

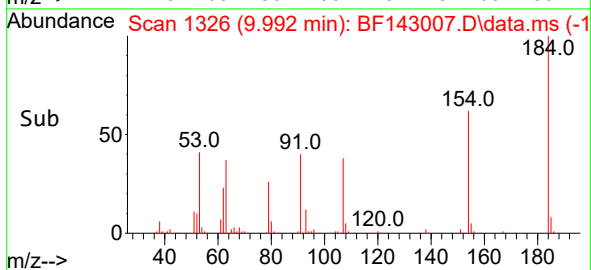
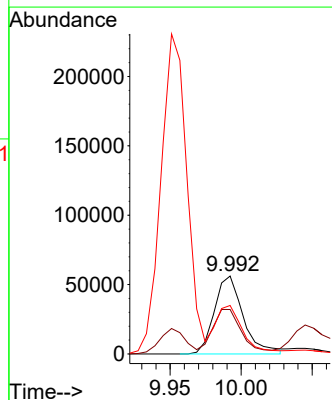
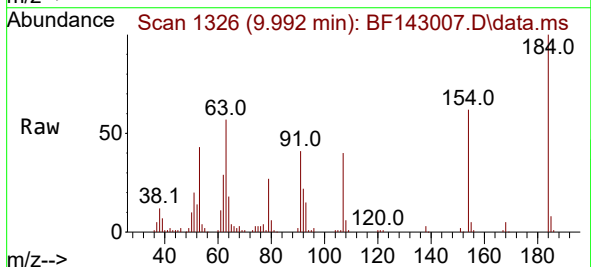
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

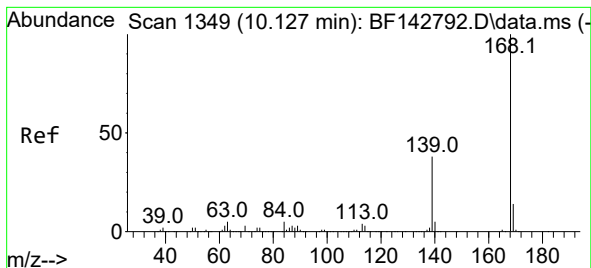
Tgt Ion:138 Resp: 44472
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 105.5 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 91.469 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:184 Resp: 79158
Ion Ratio Lower Upper
184 100
63 57.0 50.6 75.8
154 62.2 51.8 77.8





#55

Dibenzofuran

Concen: 43.157 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

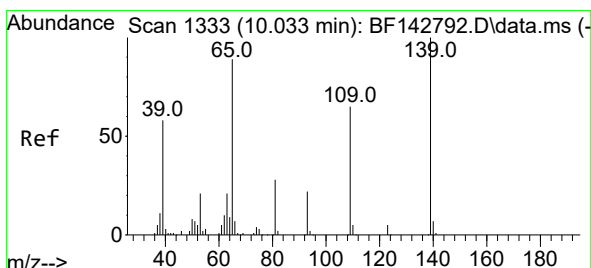
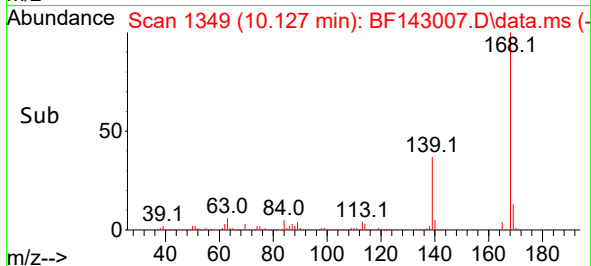
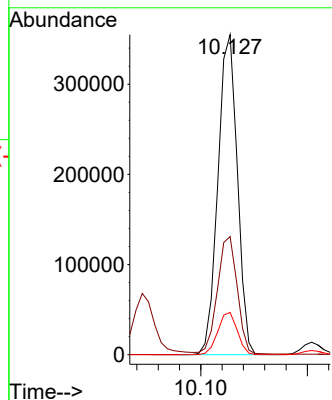
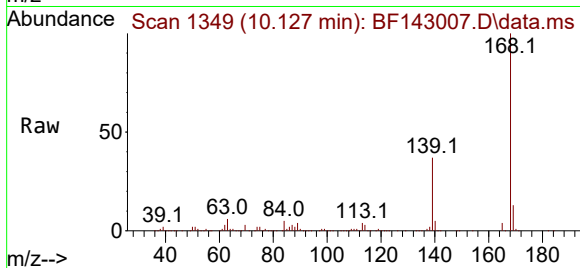
Tgt Ion:168 Resp: 447994

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 73.153 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

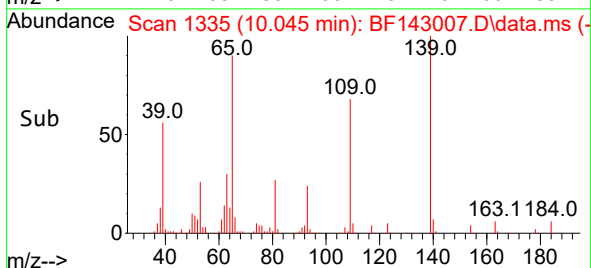
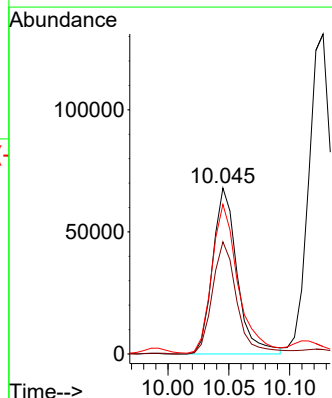
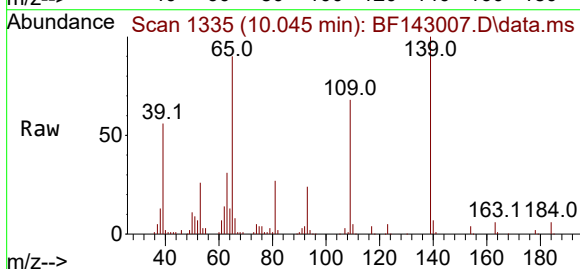
Tgt Ion:139 Resp: 95299

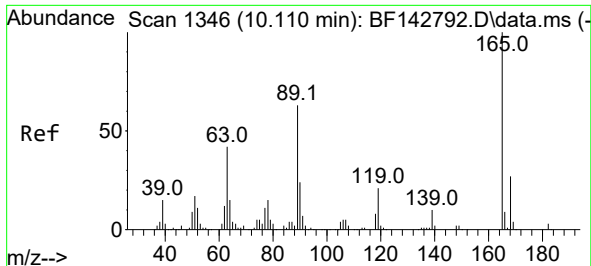
Ion Ratio Lower Upper

139 100

109 67.5 44.7 84.7

65 90.1 69.8 109.8

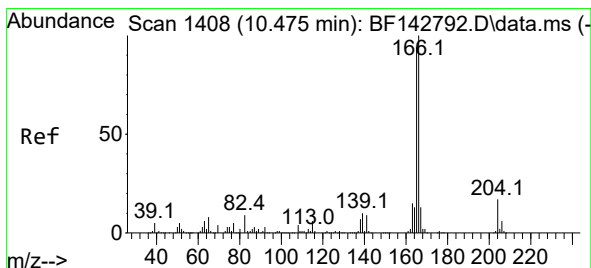
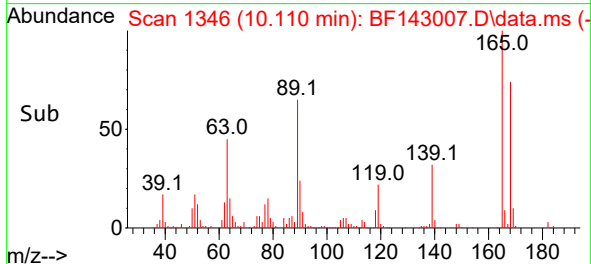
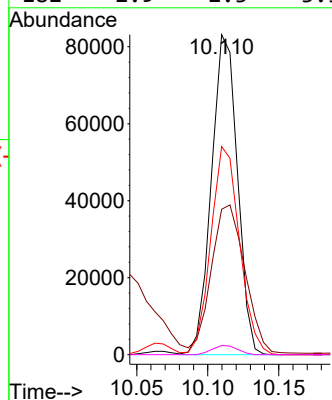
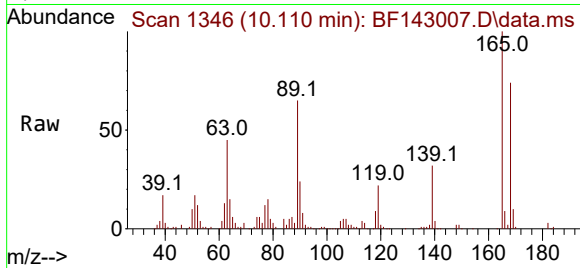




#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

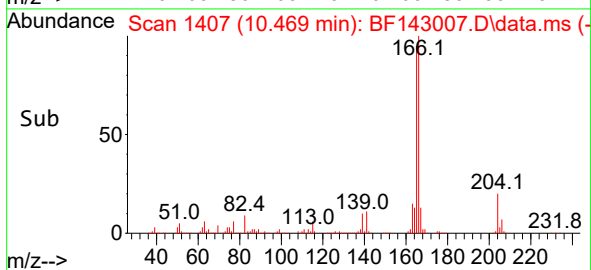
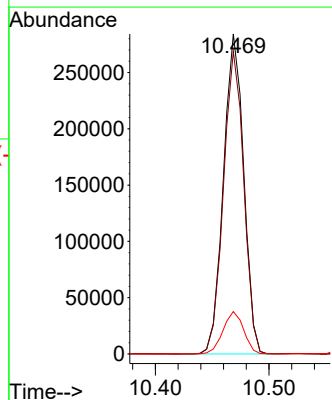
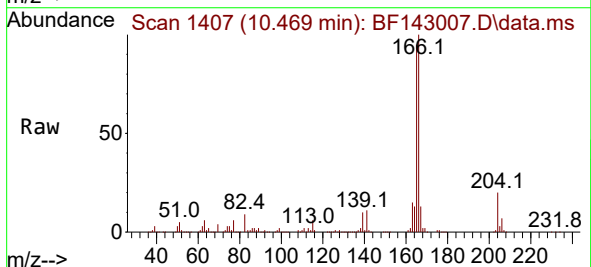
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:165 Resp: 105804
Ion Ratio Lower Upper
165 100
63 45.5 33.9 50.9
89 65.0 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.483 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:166 Resp: 352523
Ion Ratio Lower Upper
166 100
165 94.6 75.2 112.8
167 13.2 10.6 15.8

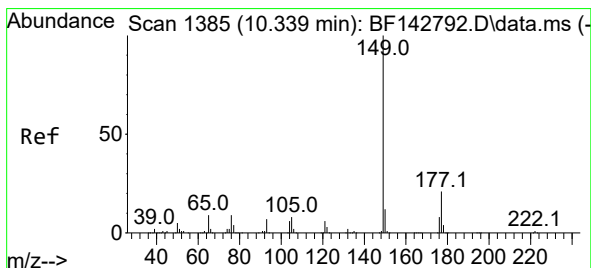
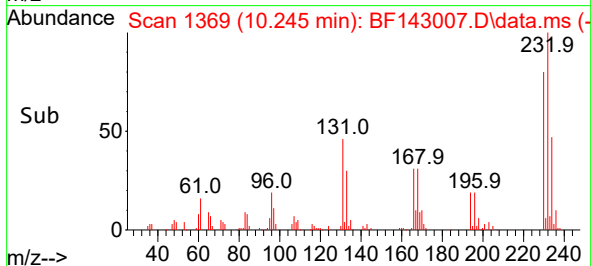
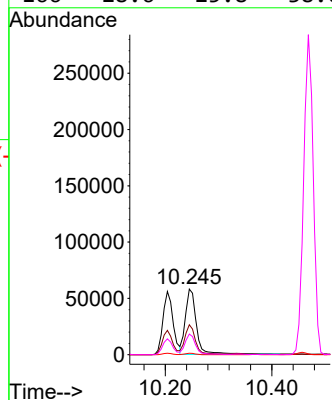
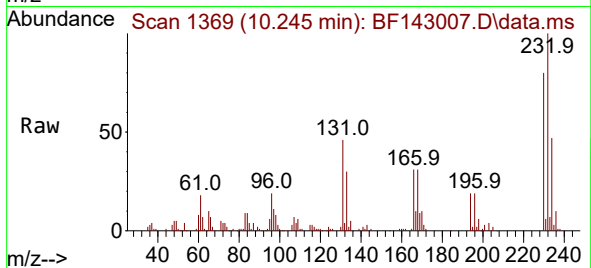




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.119 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

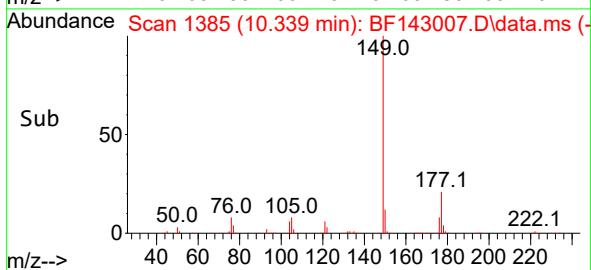
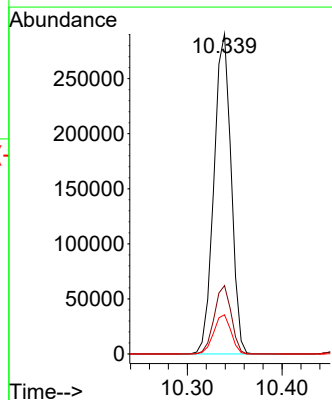
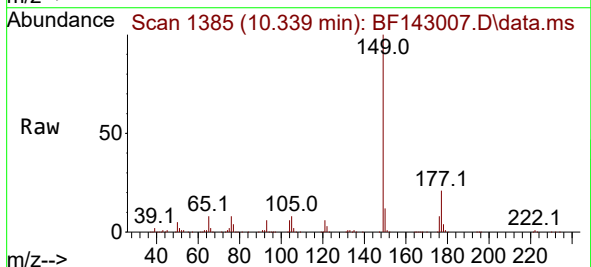
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

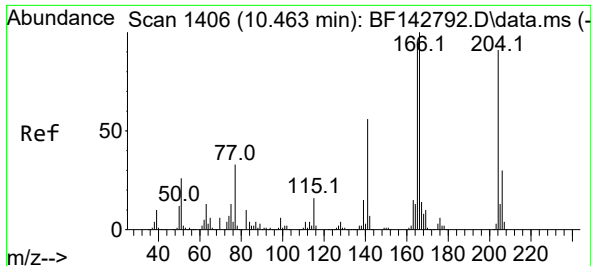
Tgt Ion:232 Resp: 83547
Ion Ratio Lower Upper
232 100
131 43.3 37.6 56.4
130 2.0 1.7 2.5
166 28.6 25.8 38.6



#60
Diethylphthalate
Concen: 47.440 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 366072
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.3 9.8 14.6

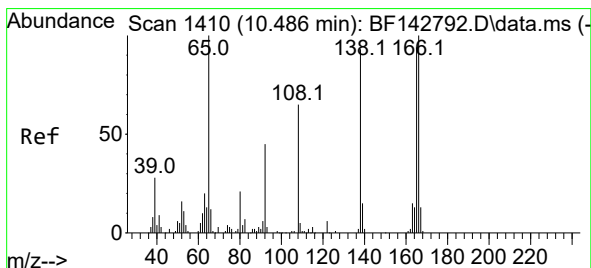
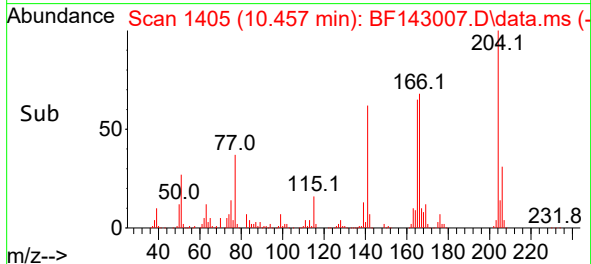
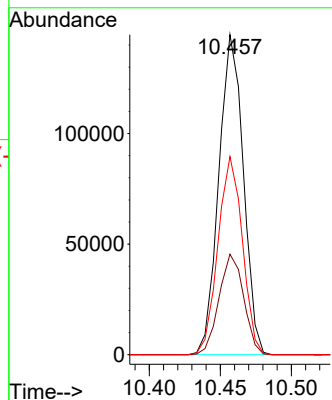
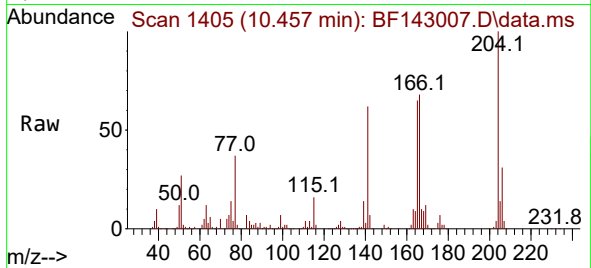




#61
4-Chlorophenyl-phenylether
Concen: 44.893 ng
RT: 10.457 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

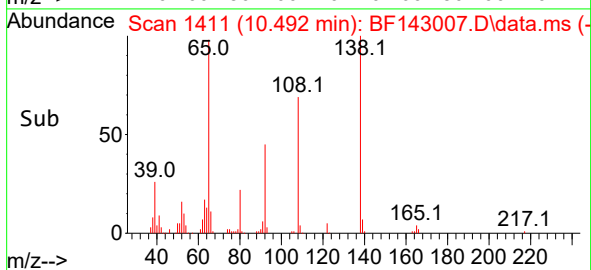
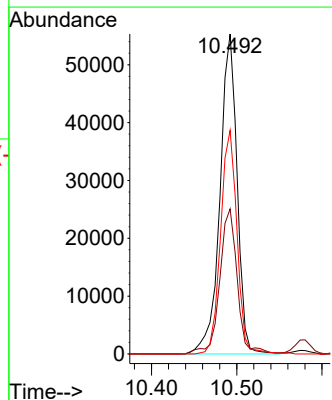
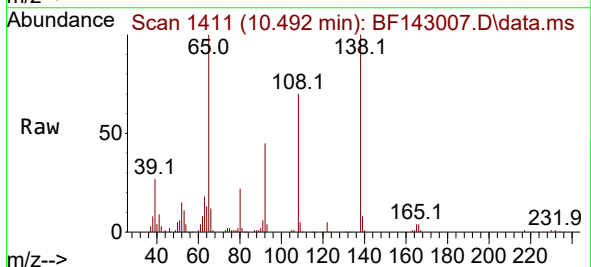
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

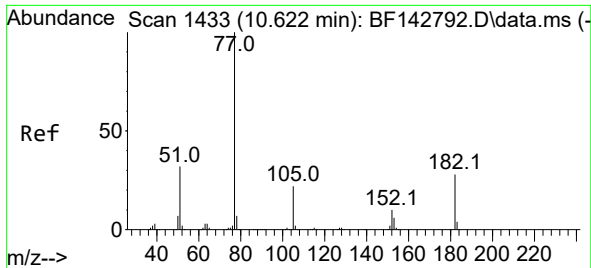
Tgt Ion:204 Resp: 173673
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 61.9 49.1 73.7



#62
4-Nitroaniline
Concen: 44.418 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:138 Resp: 77303
Ion Ratio Lower Upper
138 100
92 45.4 28.4 68.4
108 69.9 50.2 90.2

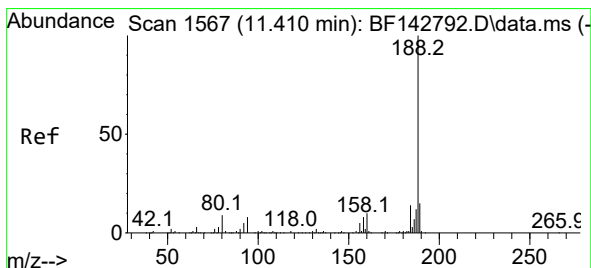
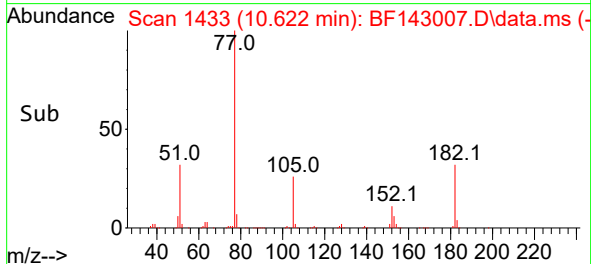
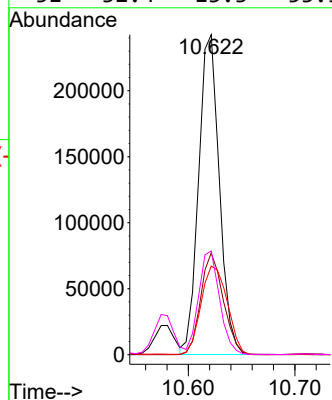
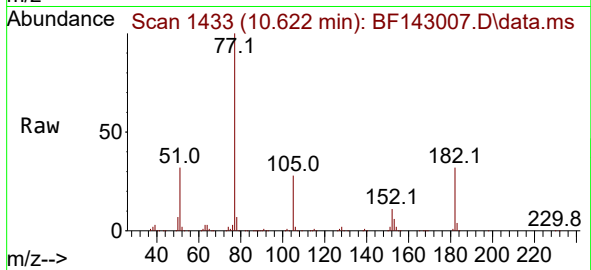




#63
Azobenzene
Concen: 47.607 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

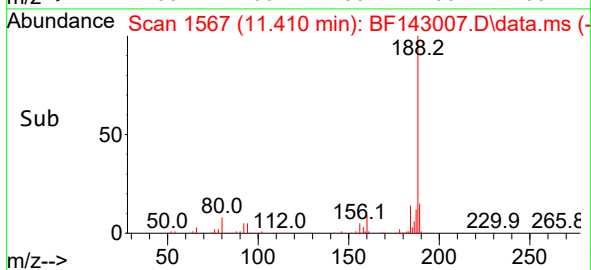
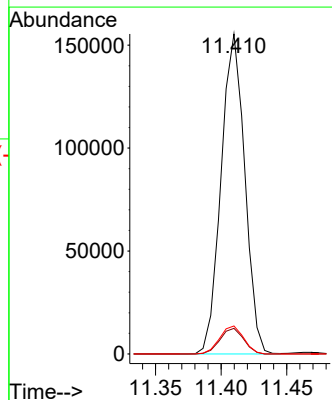
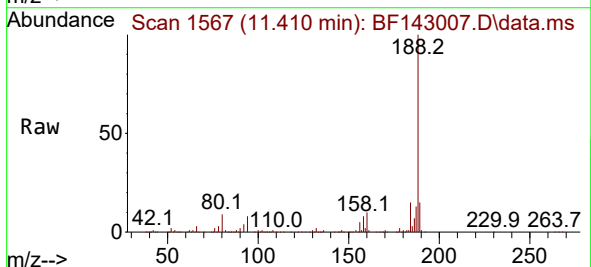
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

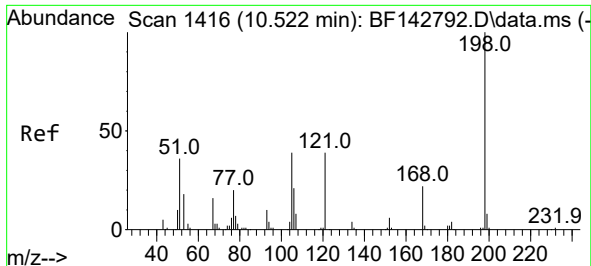
Tgt Ion: 77 Resp: 328329
Ion Ratio Lower Upper
77 100
182 31.8 7.7 47.7
105 27.7 1.9 41.9
51 32.4 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion: 188 Resp: 195379
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 6.9 10.3

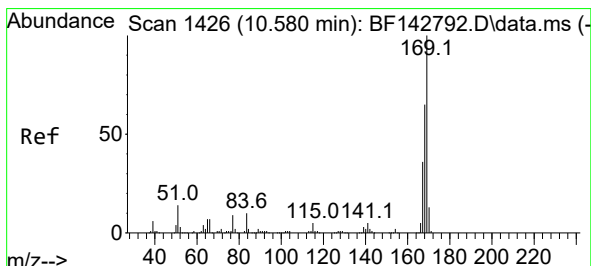
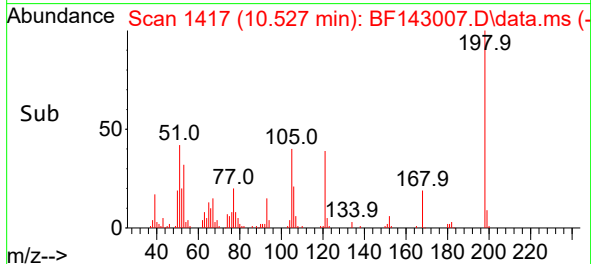
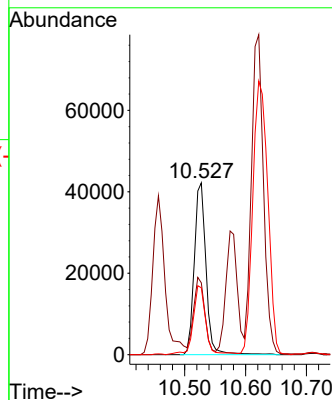
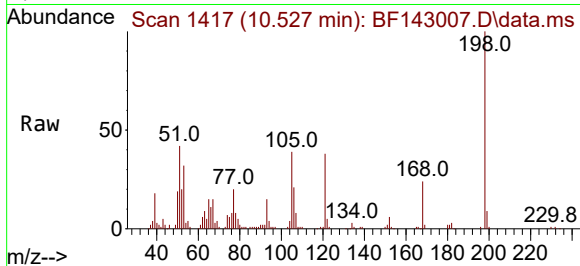




#65
4,6-Dinitro-2-methylphenol
Concen: 47.778 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

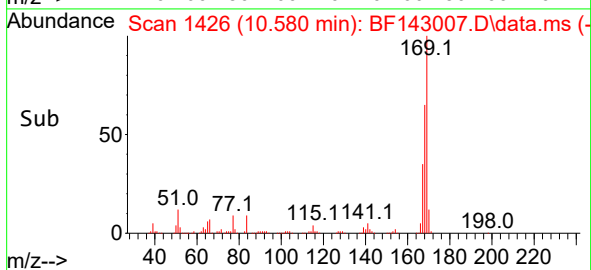
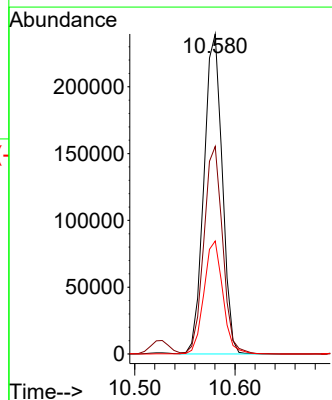
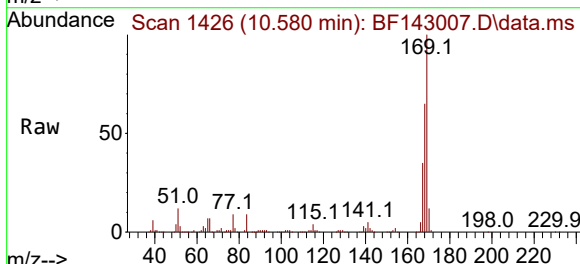
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

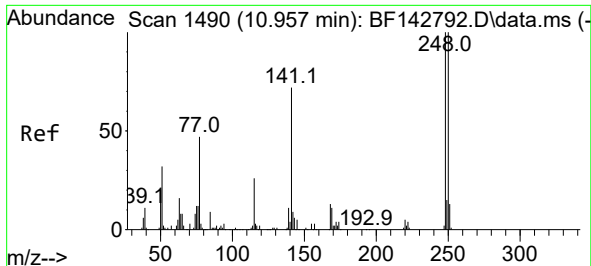
Tgt Ion:198 Resp: 56463
Ion Ratio Lower Upper
198 100
51 41.8 25.4 65.4
105 38.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.920 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:169 Resp: 304172
Ion Ratio Lower Upper
169 100
168 64.8 51.9 77.9
167 35.3 28.5 42.7

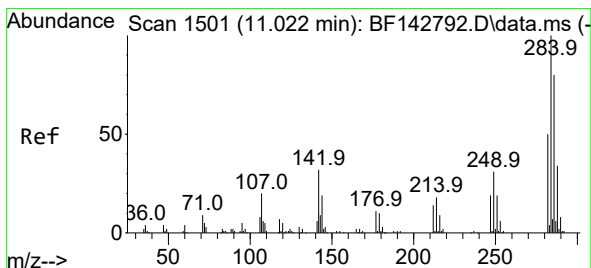
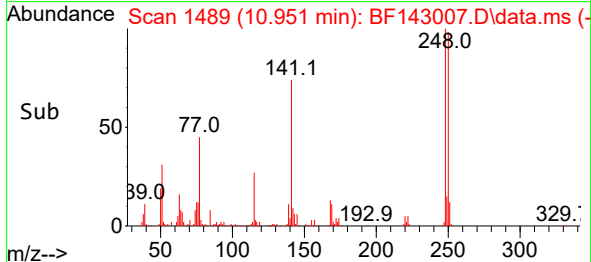
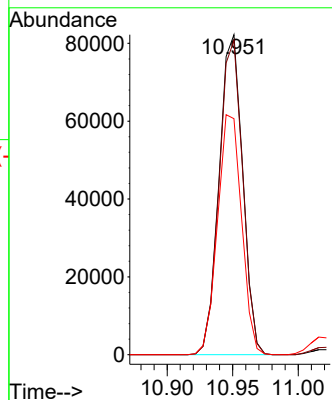
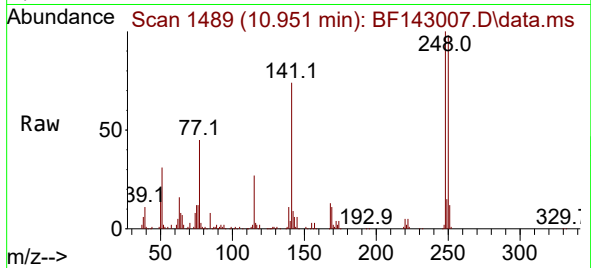




#67
4-Bromophenyl-phenylether
Concen: 46.213 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

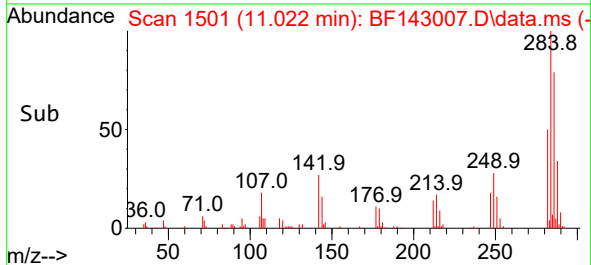
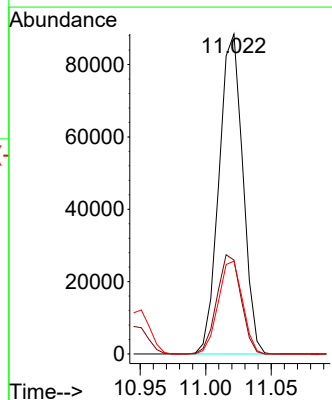
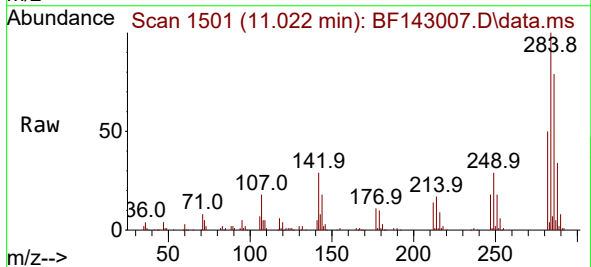
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:248 Resp: 102759
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 73.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 45.192 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:284 Resp: 111659
Ion Ratio Lower Upper
284 100
142 29.4 25.5 38.3
249 29.0 24.9 37.3





#69

Atrazine

Concen: 53.886 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

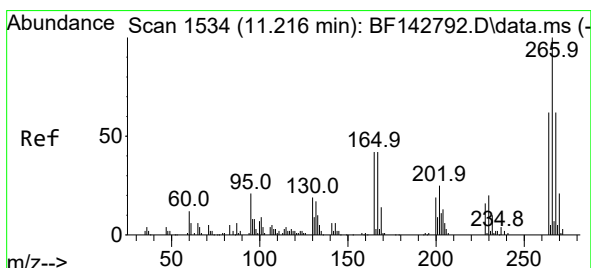
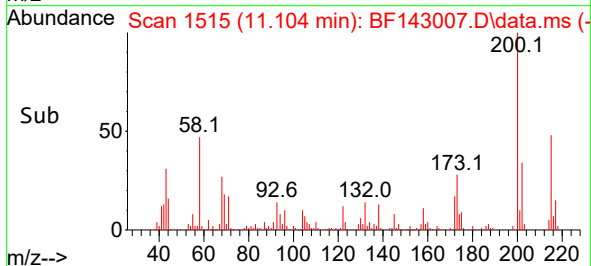
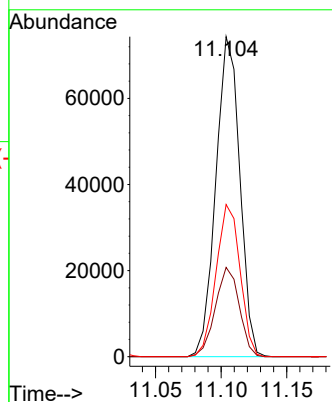
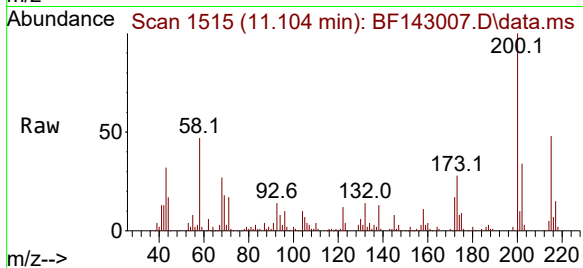
Tgt Ion:200 Resp: 94224

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 47.5 28.4 68.4



#70

Pentachlorophenol

Concen: 75.810 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

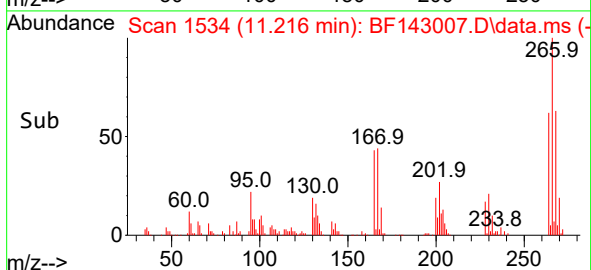
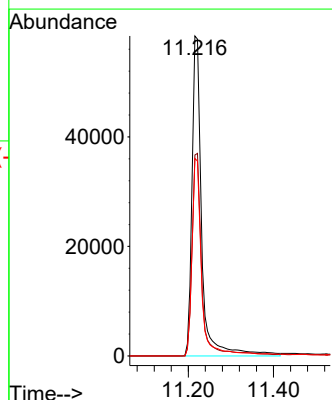
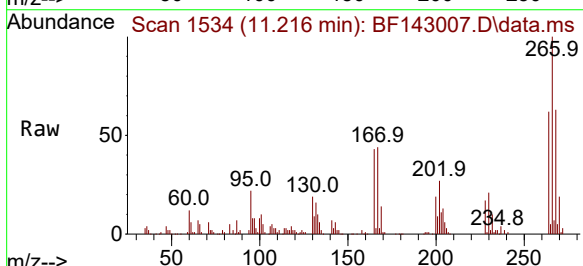
Tgt Ion:266 Resp: 93337

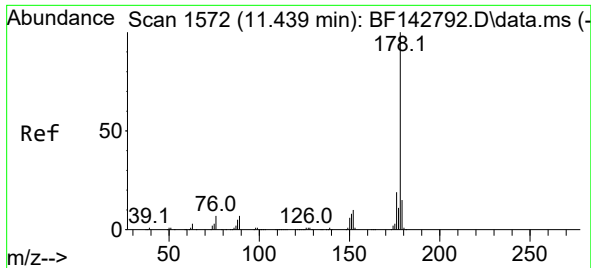
Ion Ratio Lower Upper

266 100

268 62.8 49.8 74.8

264 61.7 49.9 74.9

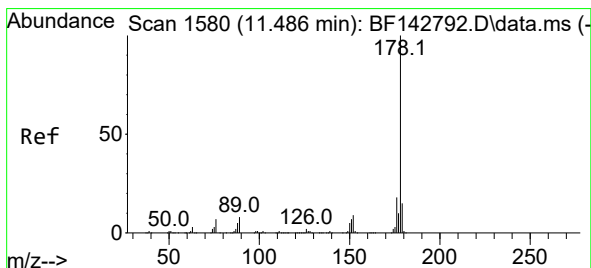
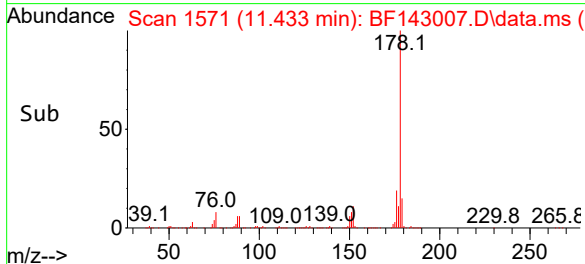
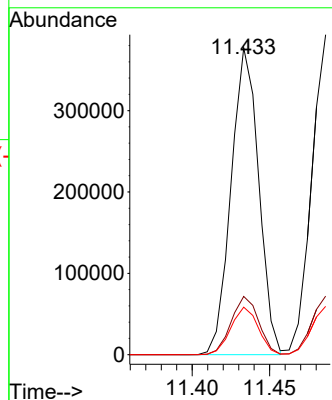
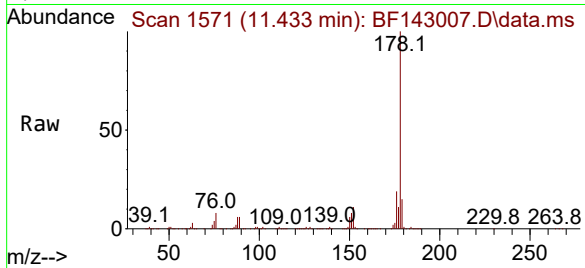




#71
Phenanthrene
Concen: 44.119 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

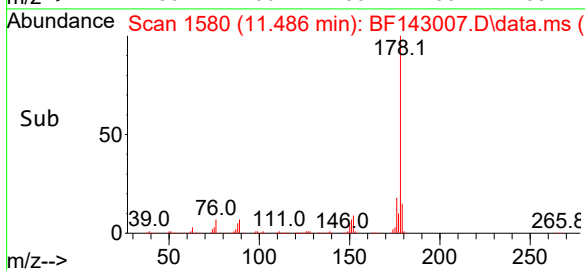
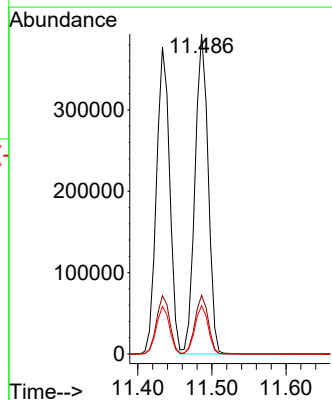
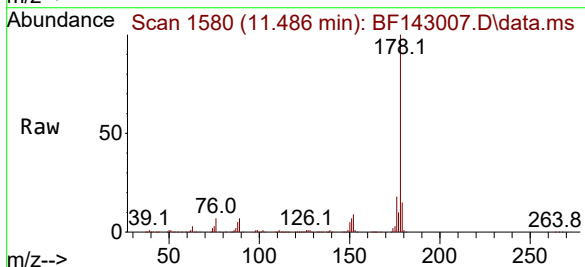
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

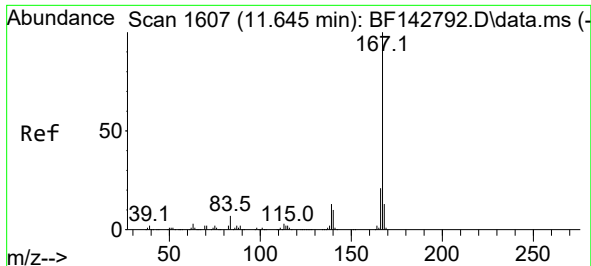
Tgt Ion:178 Resp: 466946
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.0 18.0



#72
Anthracene
Concen: 44.560 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:178 Resp: 483681
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.1 12.4 18.6

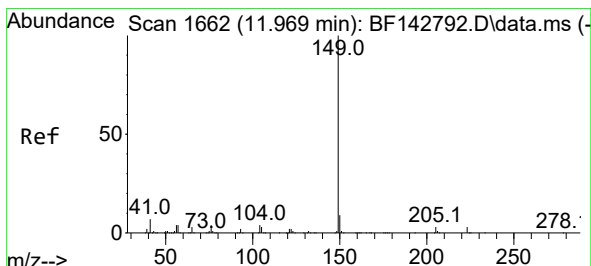
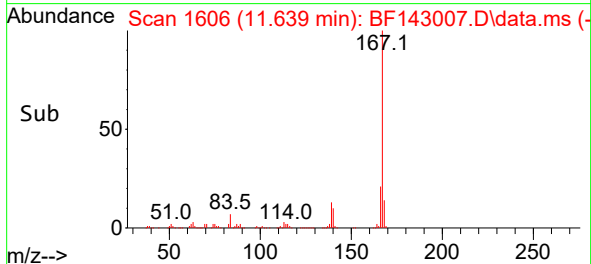
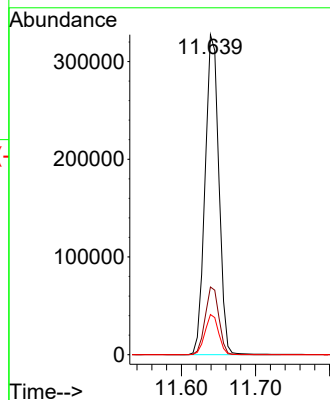
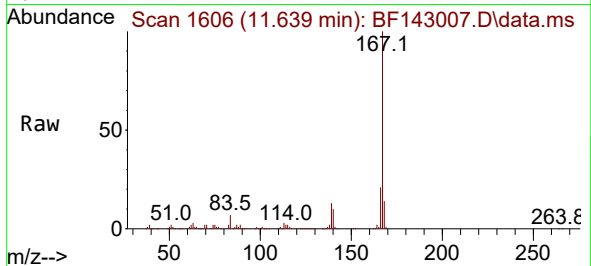




#73
 Carbazole
 Concen: 45.221 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

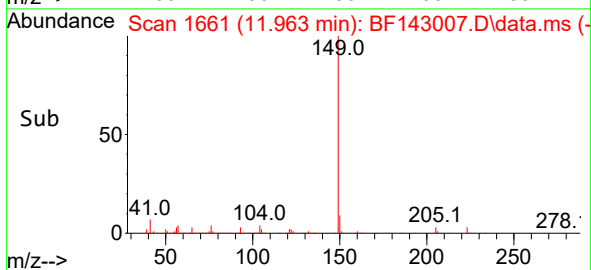
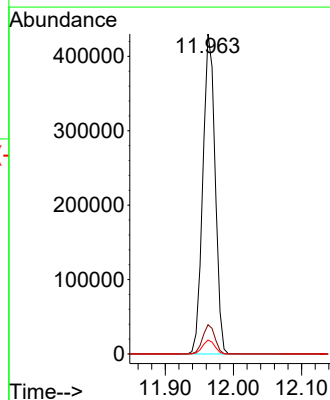
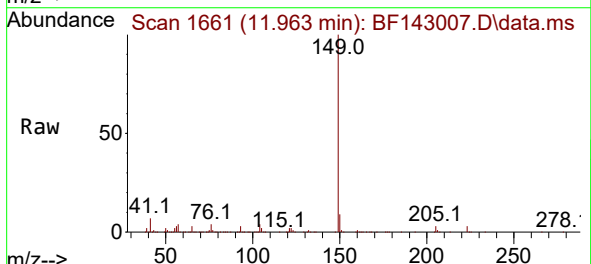
Instrument :
 BNA_F
 ClientSampleId :
 WC-11MSD

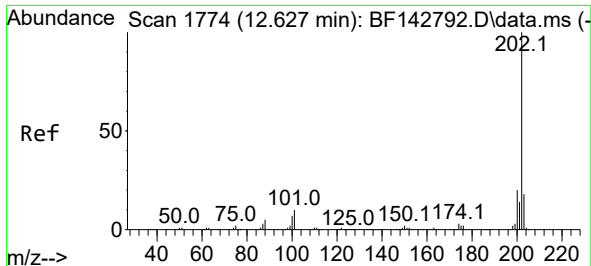
Tgt Ion:167 Resp: 423583
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 55.229 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 538929
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.3 3.5 5.3

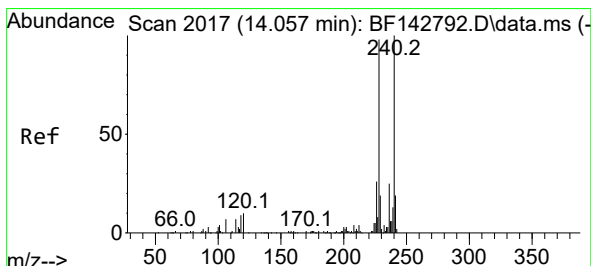
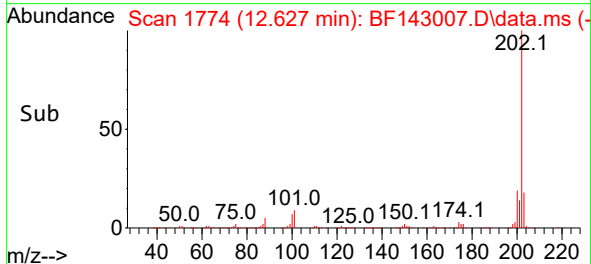
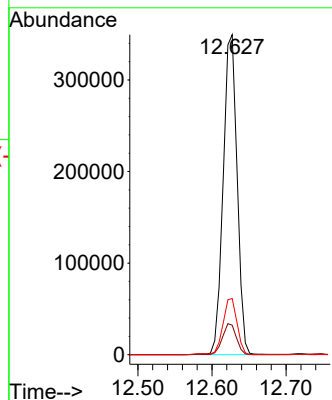
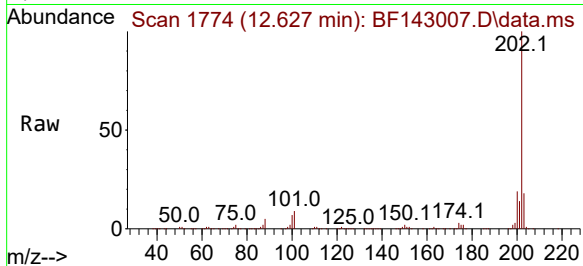




#75
Fluoranthene
Concen: 45.521 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

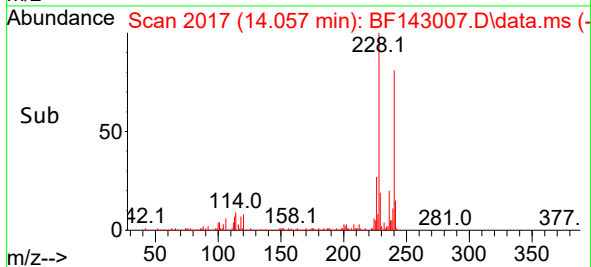
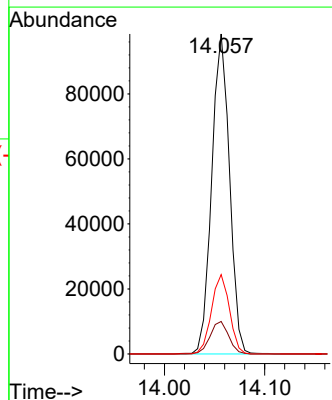
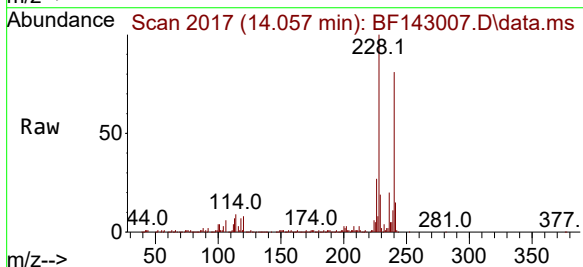
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

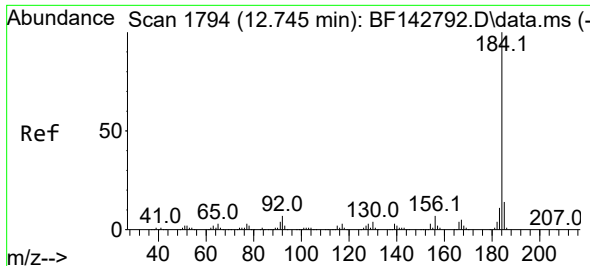
Tgt Ion:202 Resp: 457235
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:240 Resp: 121256
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.8 19.8 29.8

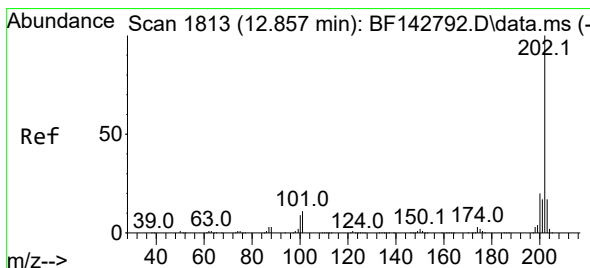
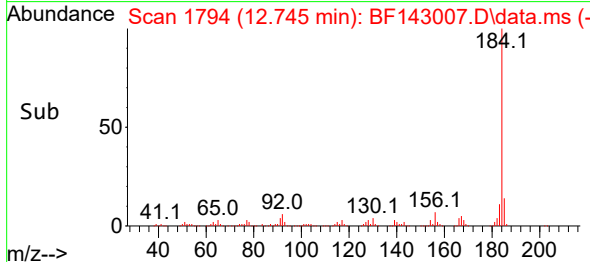
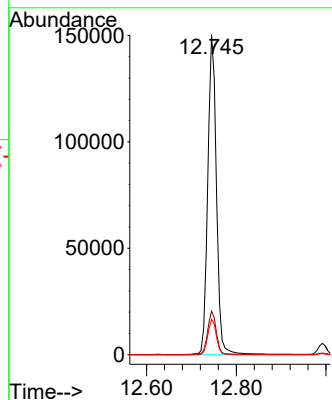
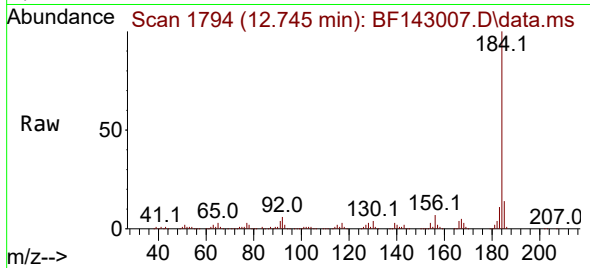




#77
Benzidine
Concen: 44.245 ng
RT: 12.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

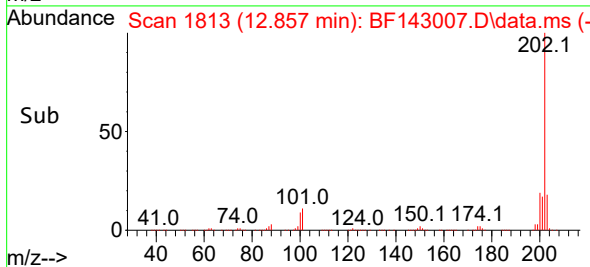
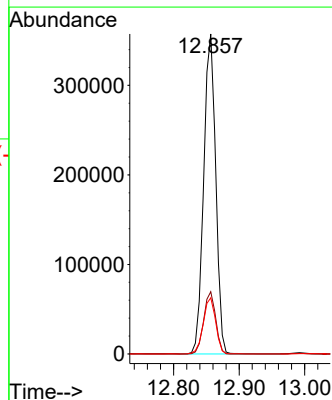
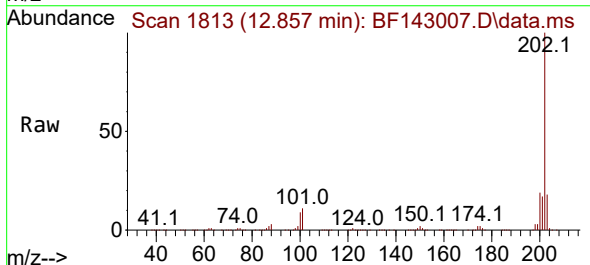
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:184 Resp: 201566
Ion Ratio Lower Upper
184 100
185 13.6 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 40.307 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:202 Resp: 458121
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.6 13.8 20.6

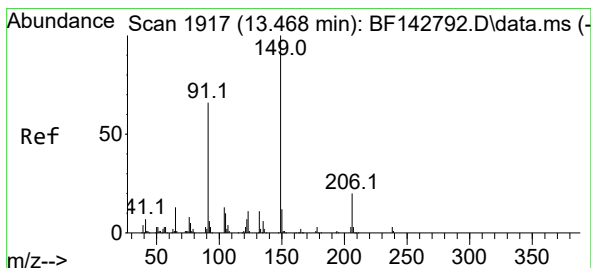
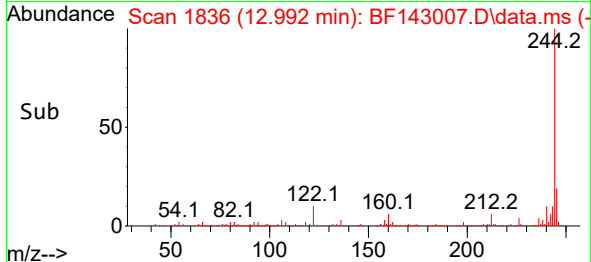
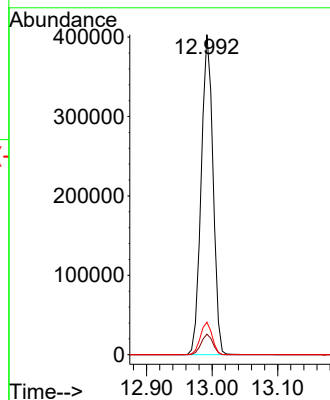
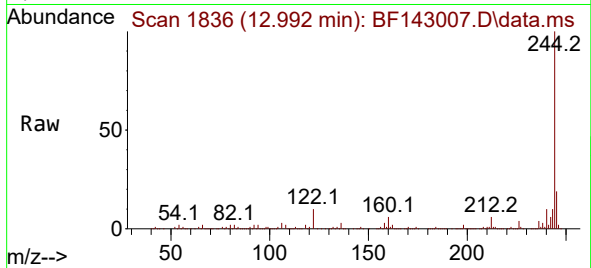




#79
 Terphenyl-d14
 Concen: 57.729 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

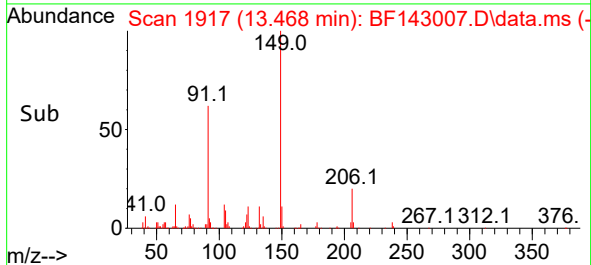
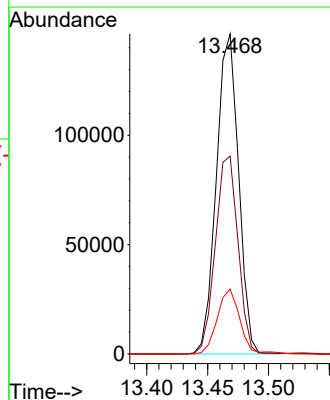
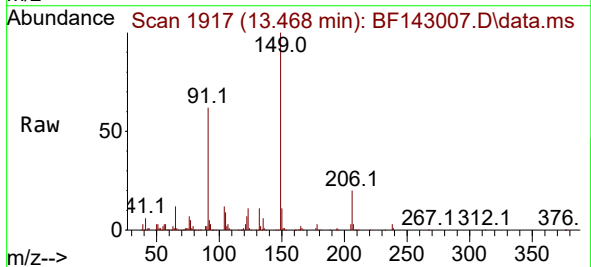
Instrument :
 BNA_F
 ClientSampleId :
 WC-11MSD

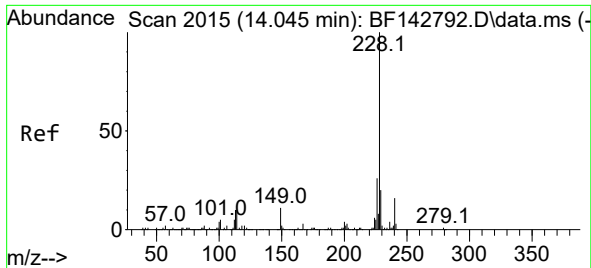
Tgt Ion:244 Resp: 506622
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 56.449 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: BF143007.D
 Acq: 07 Jul 2025 14:17

Tgt Ion:149 Resp: 186108
 Ion Ratio Lower Upper
 149 100
 91 61.8 52.9 79.3
 206 20.2 16.3 24.5

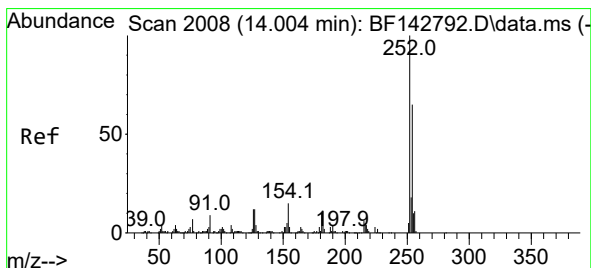
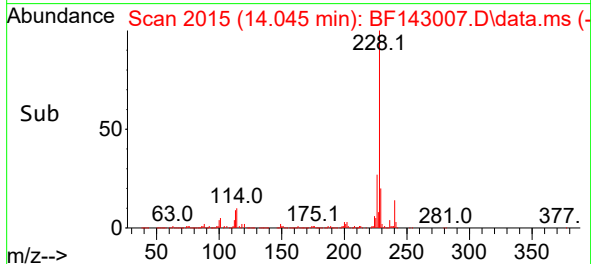
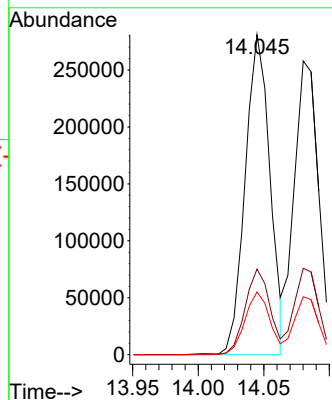
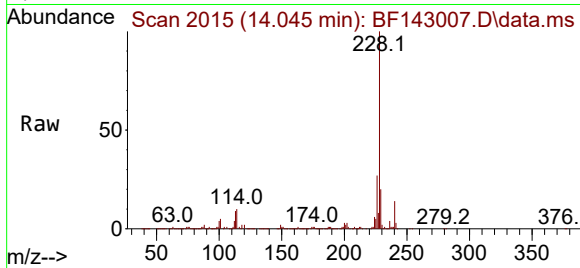




#81
Benzo(a)anthracene
Concen: 45.148 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

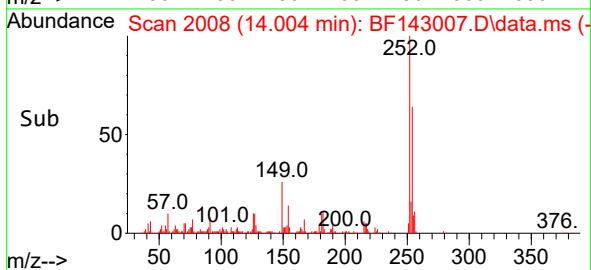
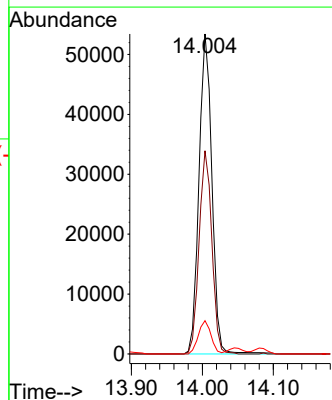
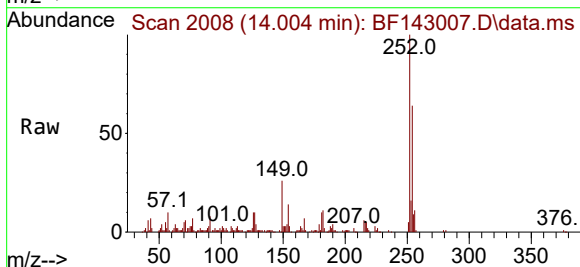
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

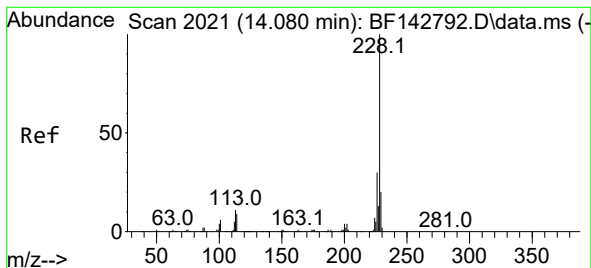
Tgt Ion:228 Resp: 369312
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 25.531 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:252 Resp: 67741
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 10.4 9.4 14.2





#83

Chrysene

Concen: 45.368 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

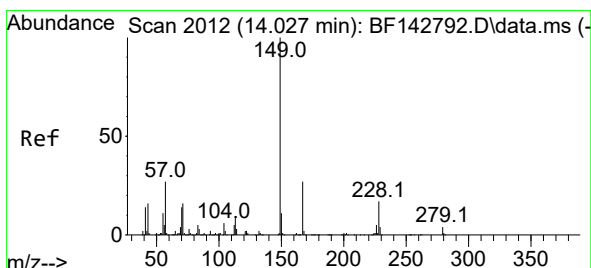
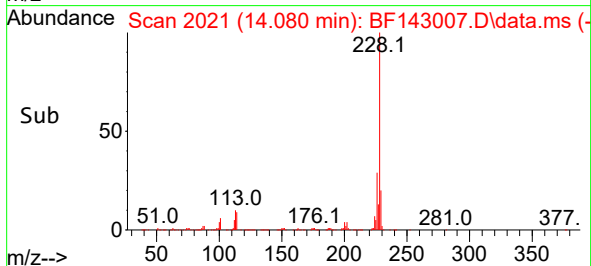
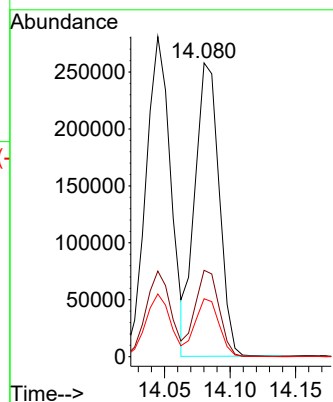
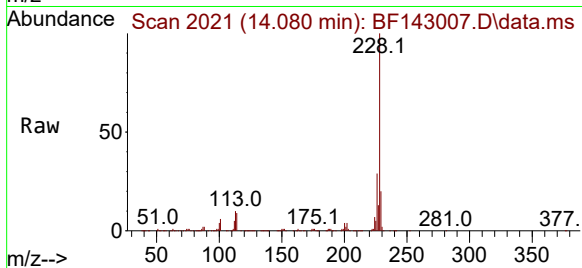
Tgt Ion:228 Resp: 331148

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.844 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

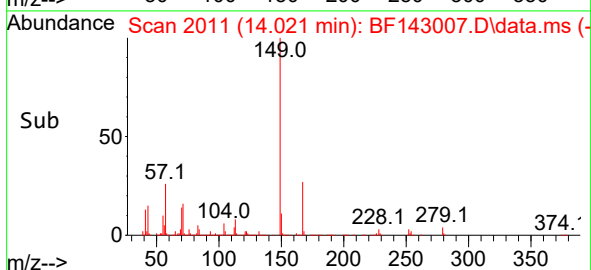
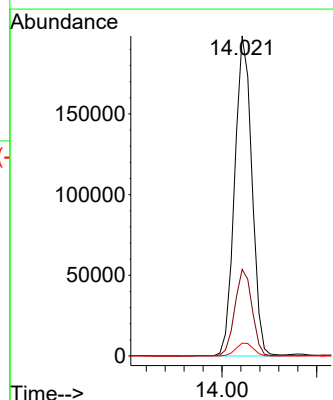
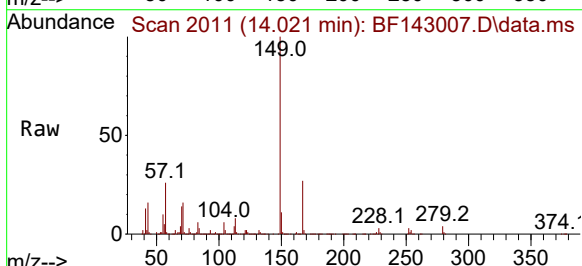
Tgt Ion:149 Resp: 250667

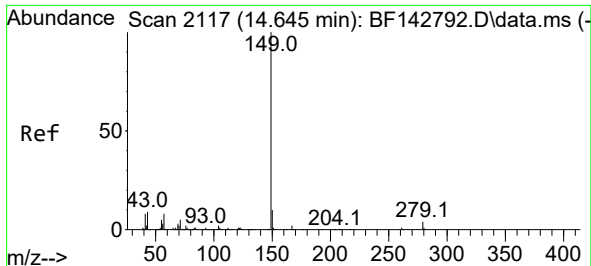
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.0 3.0 4.6

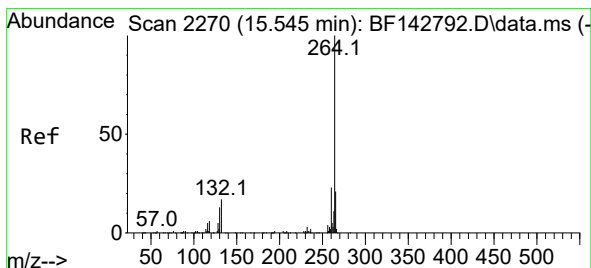
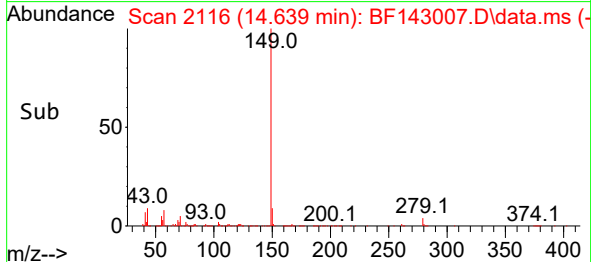
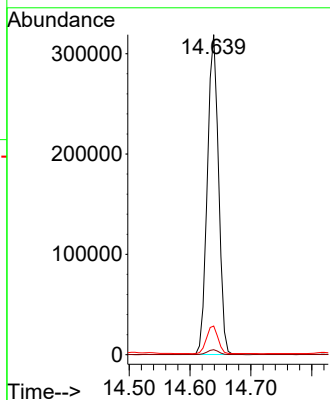
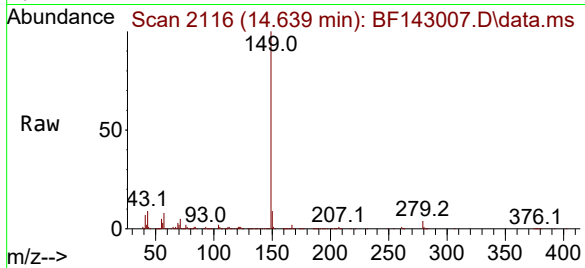




#85
Di-n-octyl phthalate
Concen: 45.580 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

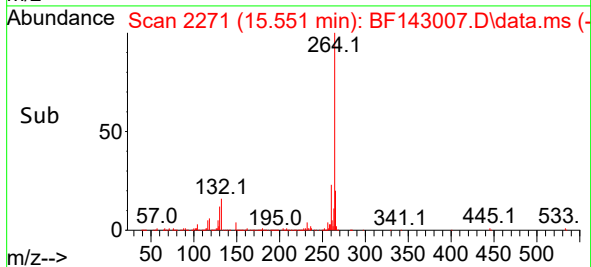
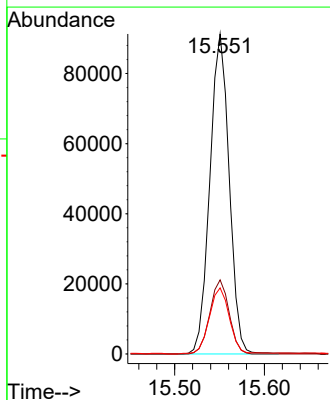
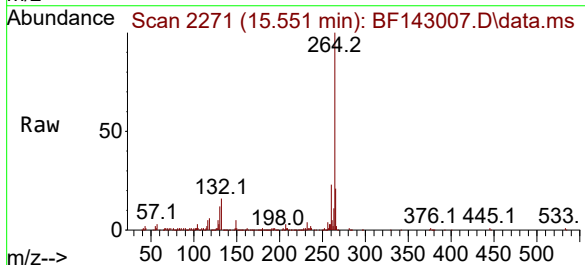
Instrument :
BNA_F
ClientSampleId :
WC-11MSD

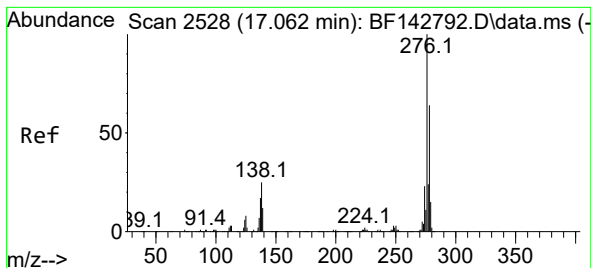
Tgt Ion:149 Resp: 407697
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:264 Resp: 136589
Ion Ratio Lower Upper
264 100
260 23.2 18.1 27.1
265 20.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.728 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

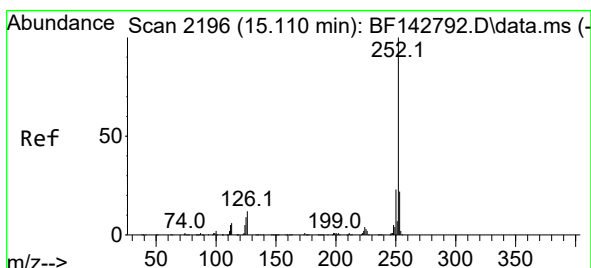
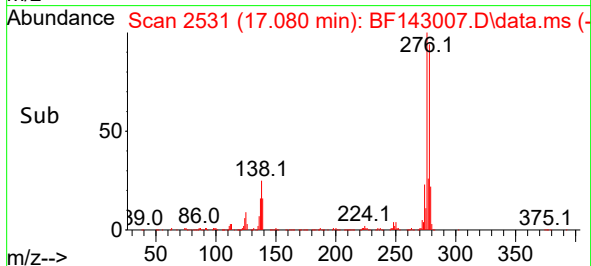
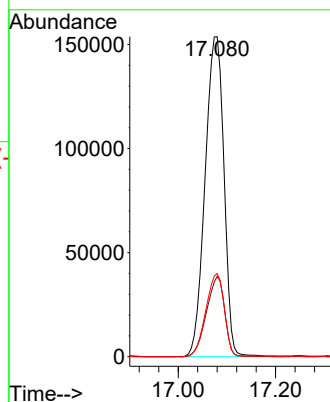
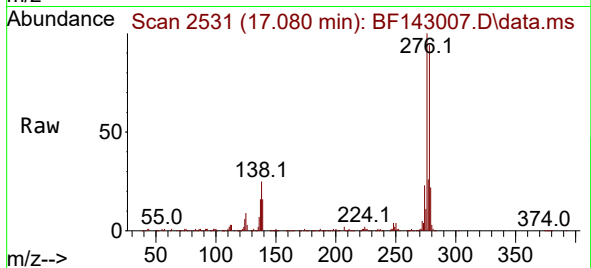
Tgt Ion:276 Resp: 413329

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 25.4 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 48.861 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

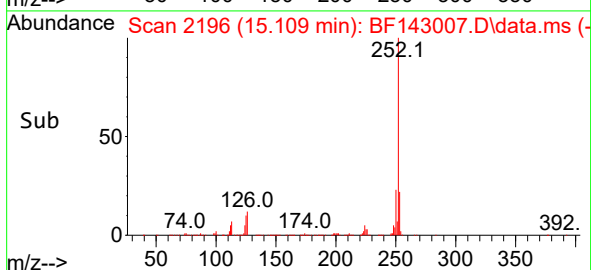
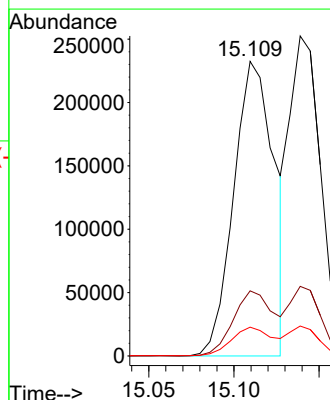
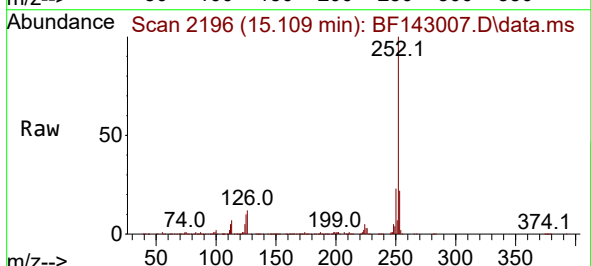
Tgt Ion:252 Resp: 386178

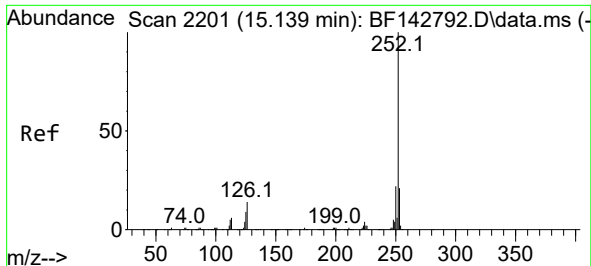
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.383 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

Instrument :

BNA_F

ClientSampleId :

WC-11MSD

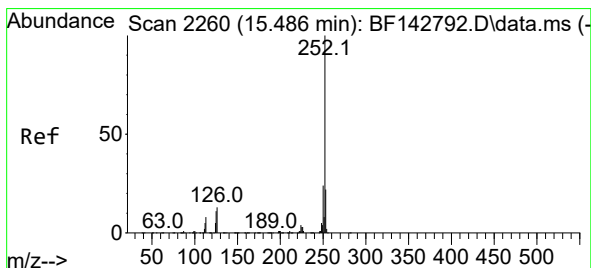
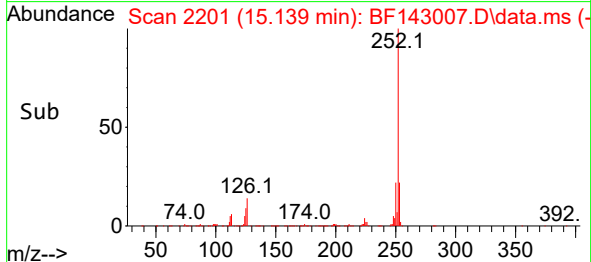
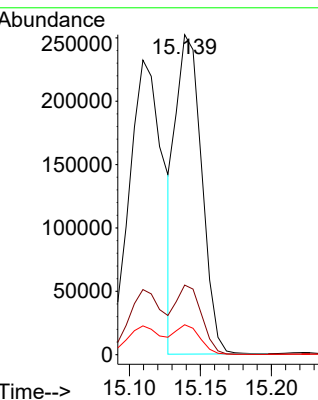
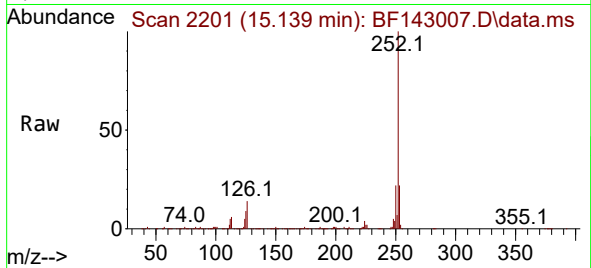
Tgt Ion:252 Resp: 320791

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.987 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143007.D

Acq: 07 Jul 2025 14:17

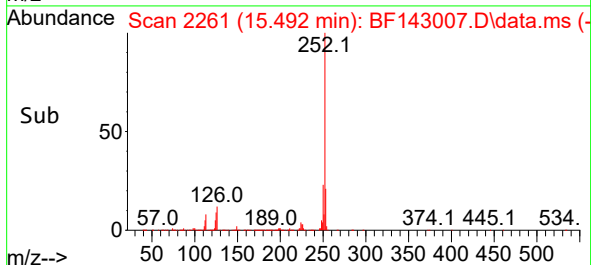
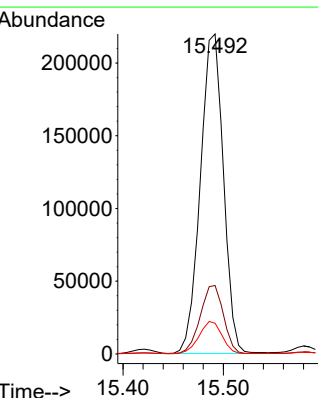
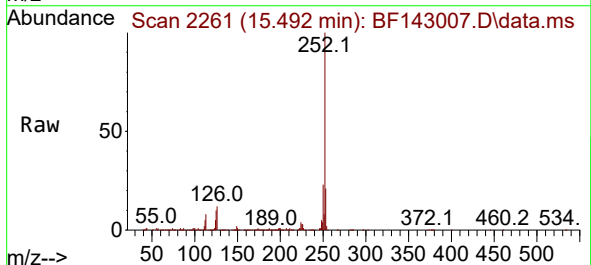
Tgt Ion:252 Resp: 351129

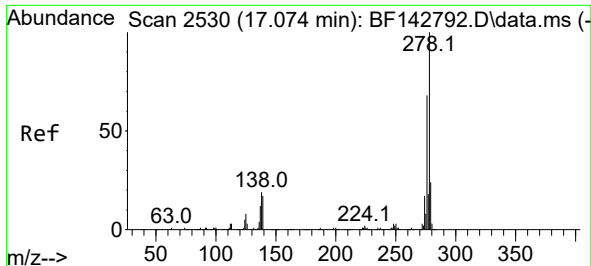
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.6 8.6 12.8

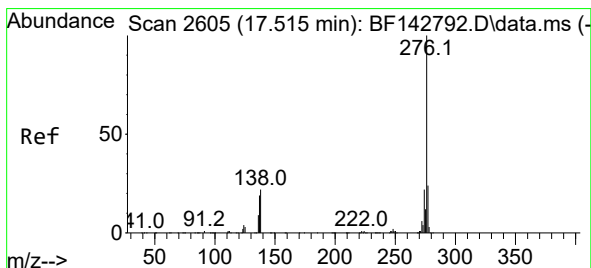
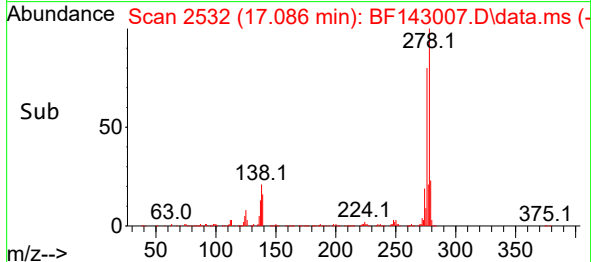
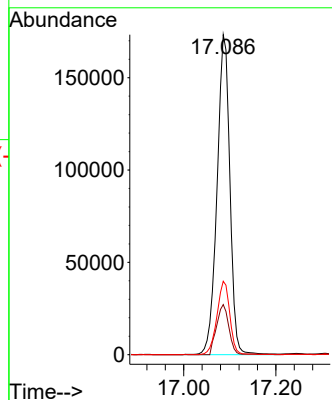
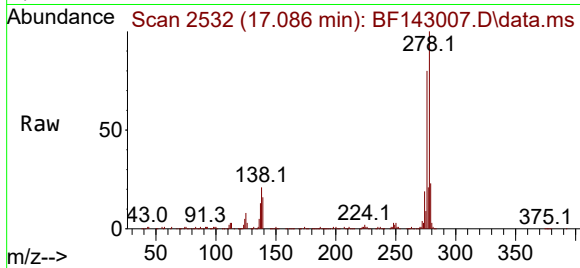




#91
Dibenzo(a,h)anthracene
Concen: 39.658 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Tgt Ion:278 Resp: 335241
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.710 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143007.D
Acq: 07 Jul 2025 14:17

Tgt Ion:276 Resp: 326298
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 20.6 17.6 26.4

